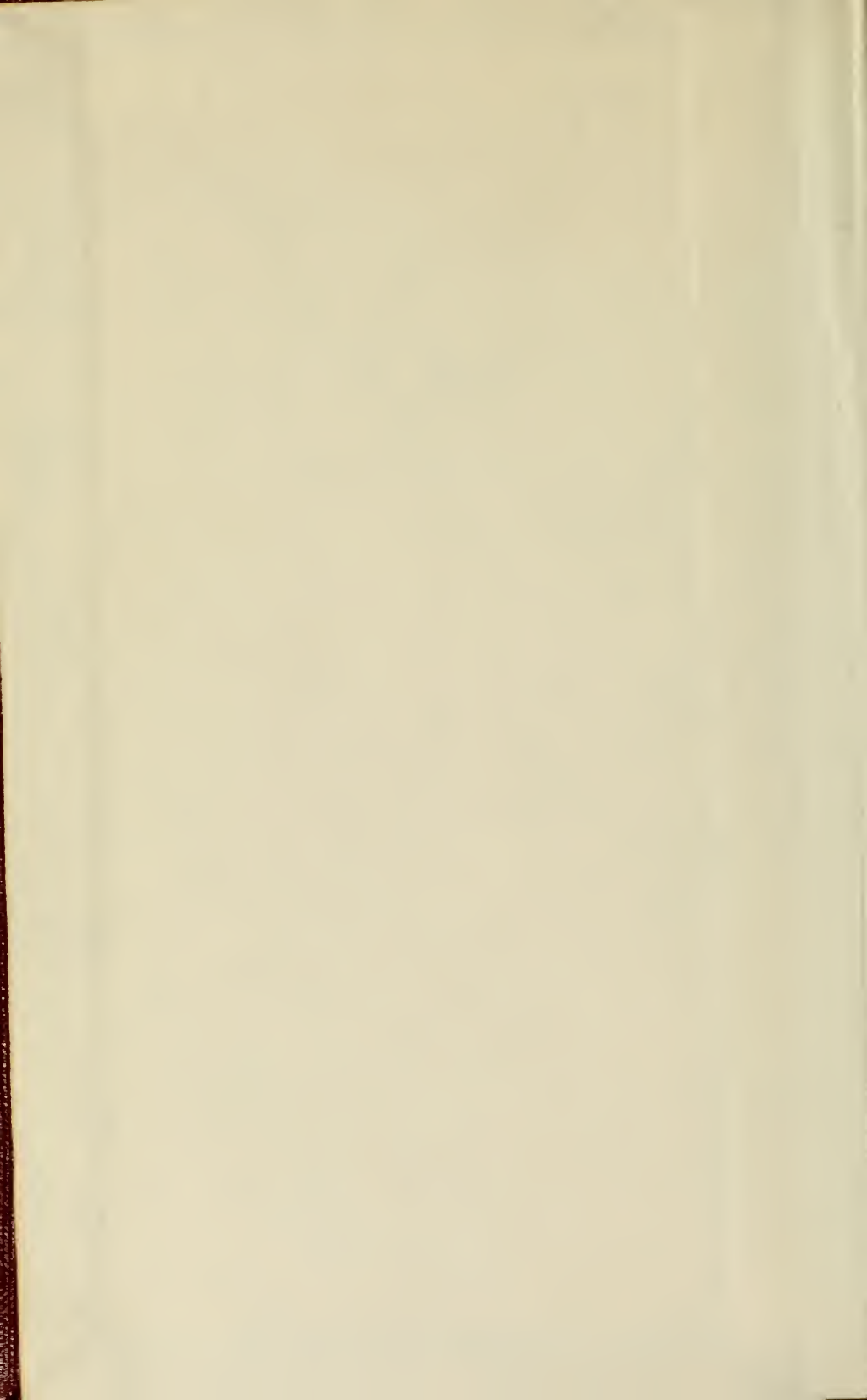
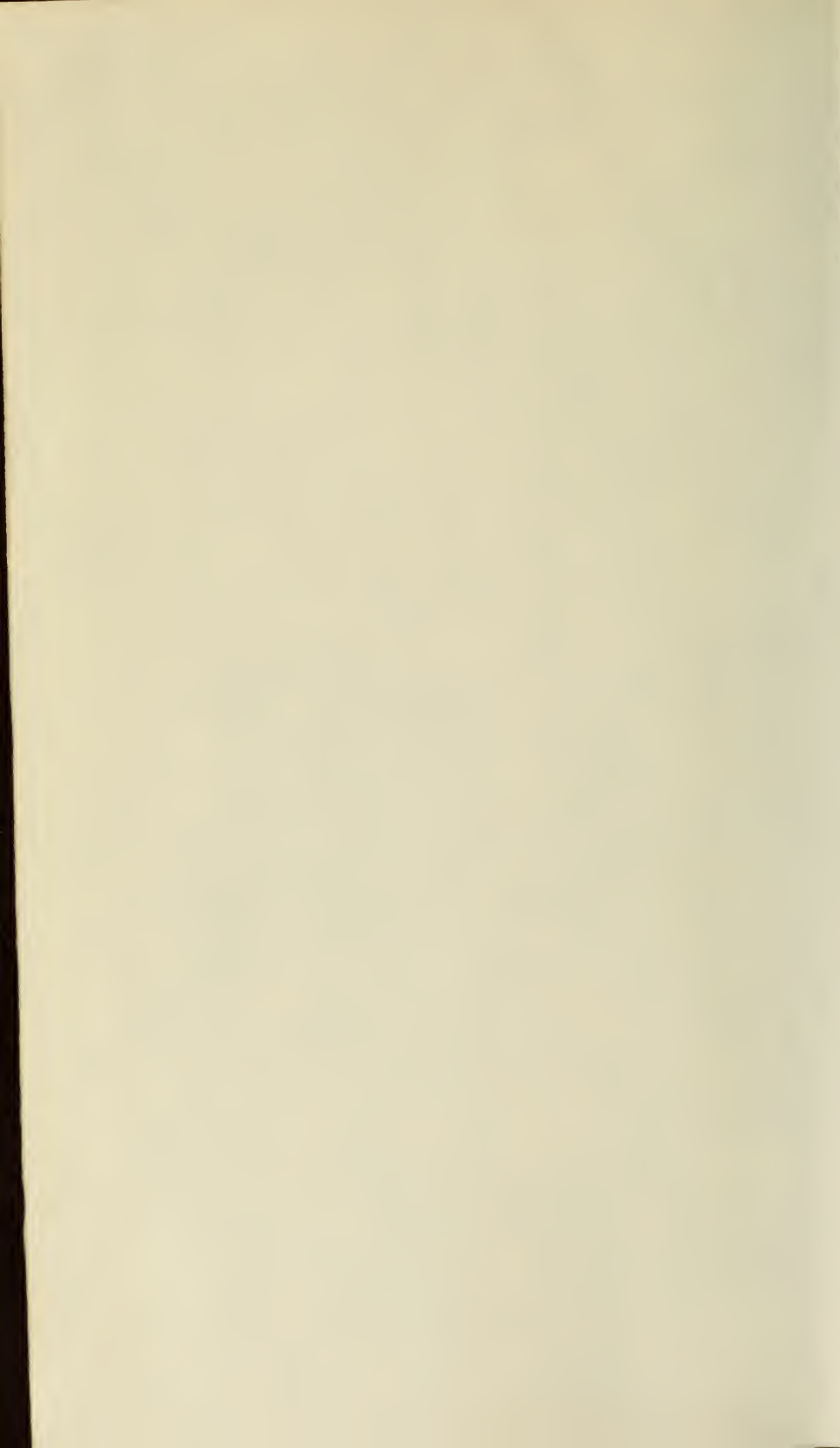




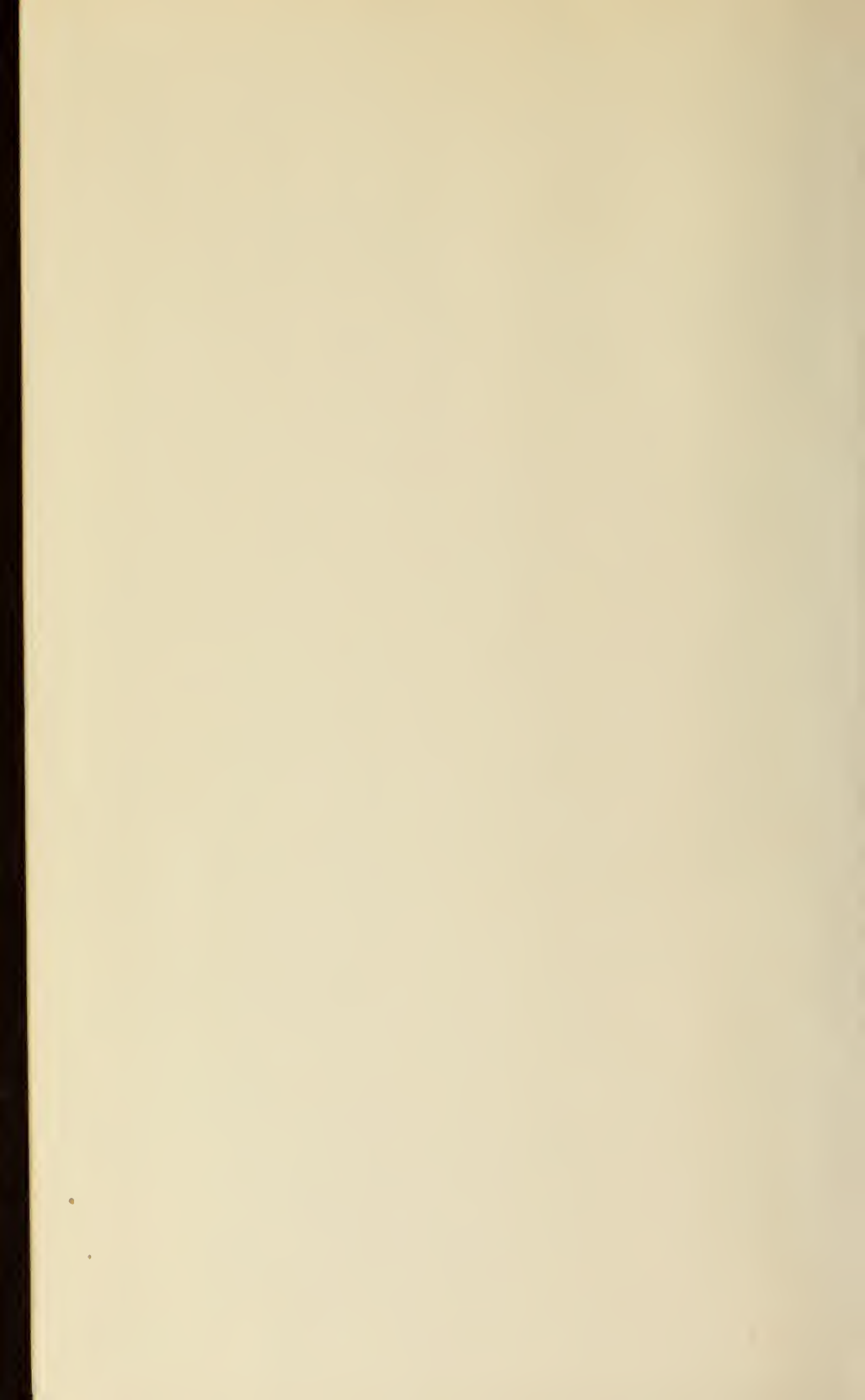
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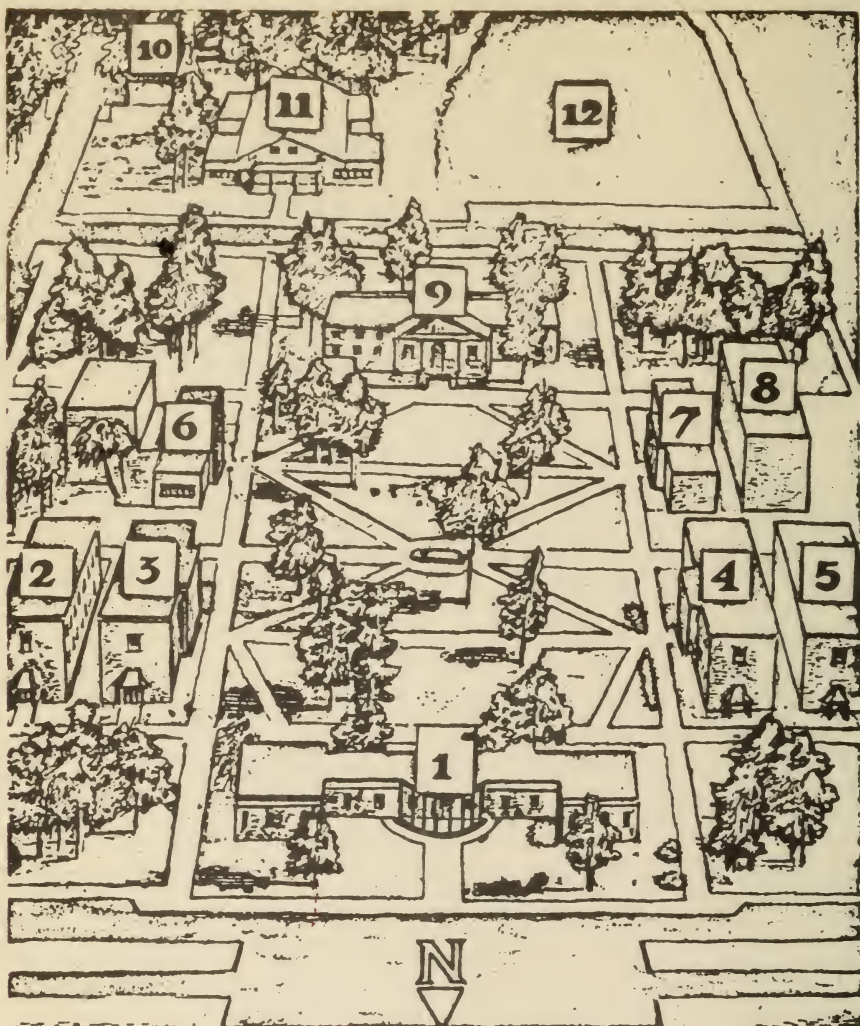


Bulletin of

ARMSTRONG
STATE COLLEGE

Savannah, Georgia

Catalogue 1970-1971



ARMSTRONG STATE COLLEGE CAMPUS

- | | |
|--|--|
| <p>1. ADMINISTRATION BUILDING
 President
 Dean of Student Affairs
 Registrar
 Comptroller
 Community Services</p> <p>2. VICTOR HALL
 Education Dept.
 History & Political Science Dept.
 Psychology Dept.</p> <p>3. GAMBLE HALL
 Business Dept.
 English Dept.
 Foreign Language Dept.</p> <p>4. SCIENCE HALL
 Biology Dept.
 Math Dept.
 Physics Dept.</p> <p>5. SOLMS HALL
 Chemistry Dept.
 Dental Hygiene Dept.
 Nursing Dept.</p> | <p>6. JENKINS HALL
 Art Dept.
 Music Dept.</p> <p>7. STUDENT SERVICE
 Bookstore
 Infirmary
 Snackbar
 Mall</p> <p>8. MEMORIAL STUDENT CENTER
 Cafeteria
 Director of Student Activities
 Student Government
 Student Lounge</p> <p>9. LANE LIBRARY</p> <p>10. MAINTENANCE BUILDING</p> <p>11. GYMNASIUM & POOL
 Athletic Director
 P. E. Dept.</p> <p>12. STUDENT PARKING AREA</p> |
|--|--|

Bulletin of

ARMSTRONG STATE COLLEGE

Savannah, Georgia

751384

A Four-Year College of the
University System of Georgia



The college is aware of and regrets the printing errors in this edition of the bulletin. These errors will be corrected in a new edition now under preparation.

SUMMER FALL

WINTER SPRING

1970 - 1971

Volume XXXV

Number 10

Membership in

Southern Association of Colleges and Schools
Association of Georgia Colleges

American Association for Colleges of
Teacher Education

1970 CALENDAR 1970

APRIL							JULY							OCTOBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
			1	2	3	4				1	2	3	4					1	2	3
5	6	7	8	9	10	11	5	6	7	8	9	10	11	4	5	6	7	8	9	10
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19	20	21	22	23	24	25	19	20	21	22	23	24	25	18	19	20	21	22	23	24
26	27	28	29	30			26	27	28	29	30	31		25	26	27	28	29	30	31
MAY							AUGUST							NOVEMBER						
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31							30	31												
JUNE							SEPTEMBER							DECEMBER						
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17	18	19	20	21	22	23	20	21	22	23	24	25	26	19	20	21	22	23	24	25
28	29	30					27	28	29	30				26	27	28	29	30	31	

1971 CALENDAR 1971

JANUARY							APRIL							JULY							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
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31																					
FEBRUARY							MAY							AUGUST							
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28							23	24	25	26	27	28	29	29	30	31					
							30	31													
MARCH							JUNE							SEPTEMBER							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
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21	22	23	24	25	26	27	20	21	22	23	24	25	26	19	20	21	22	23	24	25	
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ACADEMIC CALENDAR

1970 - 1971

SUMMER QUARTER, 1970

May	22	Last day for freshman and transfer students to file all papers required in the application for admission.
June	5	Last day for transient students (for Summer Quarter only) to file all papers required in the application for admission.
June	12	Registration
	15	Classes begin
	16	Last day to register for credit
	17	Last day to enroll in any class
July	14	Mid-term reports due
	20-24	Pre-advisement for the Fall Quarter
August	7	Last day of class
	10-11	Reading Days
	12-14	Examinations
	18	Graduation

FALL QUARTER, 1970

September	2	Last day for freshman and transfer students to file all papers required in the application for admission.
	15	First Faculty Meeting
	17, 18, 21	Orientation
	24, 25	Registration
	28	Classes begin
	29	Last day to register for credit
	30	Last day to enroll in any class
October	30	Mid-term reports due
November	9-13	Pre-advisement for the Winter Quarter
November	26-27	Thanksgiving Holidays (Begin at 12:30 P. M. on Nov. 25)
December	4	Last day of classes
December	7-8	Reading Days
	9-11	Examinations
	14	Christmas Vacation Begins

WINTER QUARTER, 1971

December	14	Last day for freshman and transfer students to file all papers required in the application for admission.
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January	4	Registration
	5	Classes begin
	6	Last day to register for credit
	7	Last day to enroll in any class
February	8	Mid-term reports due
	15-19	Pre-advisement for Spring Quarter
March	11	Last day of classes
	12	Reading day
	15-17	Examinations
	18	Spring recess

SPRING QUARTER, 1971

March	1	Last day for freshman and transfer students to file all papers required in the application for admission.
March	24	Registration
	25	Classes begin
	26	Last day to register for credit
	29	Last day to enroll in any class
April	21	Mid-term reports due
May	3-7	Pre-advisement for the Summer Quarter.
May	12	Honors Day Assembly
	31	Last day of classes
June	1	Reading day
	2-4	Examinations
	8	Graduation

SUMMER QUARTER, 1971

May	21	Last day for freshman and transfer students to file all papers required in the application for admission.
June	4	Last day for transient students (for Summer Quarter only) to file all papers required in the application for admission.
	14	Registration
	15	Classes begin
	16	Last day to register for credit
	17	Last day to enroll in any class
July	13	Mid-term reports due
	19-23	Pre-advisement for the Fall Quarter
August	9	Last day of class
	10	Reading day
	11-13	Examinations
	17	Graduation

FALL QUARTER, 1971

September	1	Last day for freshman and transfer students to file all papers required in the application for admission.
	14	First Faculty Meeting
	16, 17, 20	Orientation
	22	Advisement of sophomores, juniors, and seniors
	23-24	Registration
	27	Classes begin
September	28	Last day to register for credit
	29	Last day to enroll in any class
October	29	Mid-term reports due
November	8-12	Pre-advisement for the Winter Quarter
	25-26	Thanksgiving Holidays (Begin at 12:30 P. M. on November 24)
December	3	Last day of classes
	6	Reading day
	7-9	Examinations
	10	Christmas Vacation Begins

Armstrong State College is committed to the offering of equal educational opportunity to all students regardless of race, creed, or nationality.

I. Governing Board,

Administration and Faculty

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MRS. JO WEEKS	Campus Nurse
MRS. LAUNA JOHNS	Receptionist, PBX Operator
AUGUSTUS M. STALNAKER	Supervisor of Mail

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Southern College

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Professor of English

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President

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Cataloger*

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Associate Professor of Nursing and Dental Hygiene
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 State University
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Professor of History
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Instructor in Sociology
- JAMES LAND JONES, B.A., University of Tulsa; M.A., Vanderbilt University; Ph.D., Tulane University
Associate Professor of English
- ***JAMES W. KELSAW, B.A., Taladega College; M.A., Fisk University; Ph.D., Washington State University.
Callaway Professor of Sociology, Savannah State College
- JOSEPH I. KILLORIN, A.B., St. John's College; M.A., Ph.D., Columbia University
Callaway Professor of Literature and Philosophy
- MICHAEL A. LaBURTIS, B.B.A., University of Cincinnati; M.B.A., Bowling Green State University
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- MARGARET S. LUBS, B. Mus., Converse College; B.A., University of Georgia; M.A., Columbia University
Professor of English and French
- JOHN C. McCARTHY, JR., B.B.A., University of Miami; M.B.A., Ph.D., University of Georgia
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- *ELMO M. McCRAY, JR., B.S., M.S., University of Alabama
Instructor in Biology
- KENNETH P. McKINNELL, B.F.A., M.F.A., University of Georgia
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Instructor in Chemistry
- *LAWRENCE E. MAHANY, A.B., St. Mary's College; M.S., Michigan State University
Co-ordinator, Police Administration
Assistant Professor of Police Administration
- ANNE MAYER, B.S., M.A., Columbia University
Assistant Professor of Nursing
- ROBERT E. L. MORGAN, B.B.A., M.A., Memphis State University; Certified Public Accountant
Associate Professor of Business Administration
- *ABRAHAM R. NEIMAN, LL.B., St. John's University
Instructor in Business Administration
- SAMUEL L. NEWBERRY, JR., B.S. Ed., M. Ed., Ed. D., University of Georgia
Assistant Professor of Education
- JOHN F. NEWMAN, B.A., University of Maryland; M.A., Georgetown University; Ph.D., University of Florida
Associate Professor of Political Science
- DAVID A. NOBLE, A.B., A.M., Boston University
Assistant Professor of German
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Instructor in Psychology
- *JOHN M. PARR, B.S., Georgia Institute of Technology
Instructor in Engineering and Mathematics
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Assistant Professor of History
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Director, Campus Services
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Professor of English
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Professor of Music
- ROBERT I. PHILLIPS, D.M.D., Harvard School of Dental Medicine
Assistant Professor of Dental Hygiene

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Dean of the College
- MARY MARGARET RALSTON, A.B., Florida State University; M.S.W., Tulane University
Assistant Professor of Sociology
- VERGINIA RAMSEY, A.B., Vanderbilt University; M.A.T., Emory University
Assistant Professor of English
- JOCELYN S. REITER, B. Mus., Eastman School of Music; M. Mus., University of Nebraska
Instructor in Applied Music (Voice)
- PAUL E. ROBBINS, B.S., University of Pennsylvania; Ph.D., Georgia Institute of Technology
Associate Professor of Chemistry
- AMES T. ROGERS, B.S., Delta State College; Ed. D., Florida State University
Dean of Student Affairs
- SOL RUNDBAKEN, B.F.A., M.Ed., University of Georgia; Ph. D., Michigan State University
Assistant Professor of Education
- ANDREW J. RYAN, III, LL.B., Mercer University
Instructor in Police Administration
- LYLVIA ANN SANDERS, B.S., University of Tennessee
Instructor in Physical Education
- NEIL B. SATTERFIELD, A.B., University of North Carolina; M.S.S.W., University of Tennessee
Assistant Professor of Sociology
- JOHN L. SAUNDERS, B.A., University of Arkansas; M.S., M.A., University of Notre Dame
Assistant Professor of Mathematics
- GARY W. SCHLEGEL, B.A., DePauw University; M.B.A., Northwestern University
Instructor in Business Administration
- LESLIE SEALE, B.A., University of Southwestern Louisiana; M.A., Ph.D., Louisiana State University
Professor of English
- AMES L. SEMMES, B.S., United States Naval Academy; M.S., Florida State University
Assistant Professor of Mathematics
- DE C. SHEFFIELD, B.S. Ed., M. Ed., Georgia Southern College
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- MARK M. SILVERS, JR., B.B.A., J.D., University of Georgia
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- *ALEXANDER A. SIMON, JR., B.S., Georgia Institute of Technology
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- ROY J. SIMS, B.S., David Lipscomb College; M.S., University of Tennessee
Head, Department of Physical Education
Professor of Physical Education
- KAREN ALICE SMITH, B.A., Sam Houston State College
Acting Acquisitions and Serials Librarian
- CHARLES E. SNELGROVE, JR., B.A., Florida Southern College
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- HARRY H. SQUIRES, B.S. B.A., M.A., University of Florida
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- JULE R. STANFIELD, A.A., Armstrong State College
Comptroller
- *RONALD STOFFEL, A.B., San Francisco State College; M. Mus., University of Illinois.
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Instructor in Music
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Professor of Education
- CEDRIC STRATTON, B.Sc., Nottingham University, England; Ph.D. Birkbeck College, London, England
Associate Professor of Chemistry
- ROBERT I. STROZIER, A.B., University of Georgia; M.A., Ph.D. Florida State University
Professor of English
- MR. JOHN SUCHOWER, B.A., Fairfield University; M.A., University of Detroit
Assistant Professor of English and Speech
Director of the "Masquers"
- CAROL HELEN SUTTON, B.S.N., University of South Carolina
Instructor in Nursing
- RUTH E. SWINSON, B.S. in Ed., Georgia Southern College; M.A. Library Science, George Peabody College of Teachers
Assistant Professor
Reference Librarian
- **LAWRENCE M. TAPP, B.S., M.S., University of Tennessee
Assistant Professor of Physical Education
- DOROTHY M. THOMPSON, A.B., Monmouth College; M.A., Northwestern University; Certificate in Psychiatric Social Work, Western Reserve University
Professor of Psychology
- FRANCIS M. THORNE, III, B.S., Stetson University; Ph.D., University of Georgia
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- *MARY C. TORIAN, B.S., Tennessee A and I State University; M. Ed., Wayne State University; Ed.D., New York University.
Chairman, Division of Business Administration,
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- EDWARD FRANKLIN WALLS, JR., A.B., Oglethorpe University; M. Ed., Emory University
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- PAUL E. WARD, B.S., Georgia Teachers College; M. Ed., Ed. D., University of Georgia
Assistant Professor of Education
Director of Professional Laboratory Experiences
- FREDERICK G. WEISER, B.M., Eastman School of Music; Solo Clarinet, Savannah Symphony Orchestra
Instructor in Applied Music (Clarinet)
- N. HARVEY WEITZ, B.B.A., LL.B., University of Georgia
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- JOHN A. WELSH, III, A.B., Davidson College; M.A., Vanderbilt University
Assistant Professor of English
- CHARLES C. WHITE, B.S., East Carolina College; M.A., Southern Illinois University
Assistant Professor of English
- WILLIAM S. WINN, B.D., A.B., Emory University; M.A., University of North Carolina
Professor of Mathematics
- CLARKE S. WORTHINGTON, B.A., University of Arizona; M.A., Northern Illinois University; Ph.D., Emory University
Head, Department of Psychology
Professor of Psychology
- K. C. WU, B.A., Grinnell College; M.A., Ph.D., Princeton University
Professor of History and Political Science
- REGINA M. YOAST, B.A., Texas Christian University; B.S. in Library Science, Columbia University
Associate Professor
Head Librarian

Part-time Instructor

*On leave of absence

**Courtesy Appointment

ARMSTRONG COLLEGE COMMISSION

The Commission controls certain endowment and scholarship funds.

DR. IRVING VICTOR, Chairman

MR. EDWARD BARTLETT

MRS. ARCHIE HERMAN

MR. JOHN A. PETERS, JR.

MR. JOHN RANITZ, JR.

MR. HARRY SWICORD

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ROBERT F. LOVETT, The Honorable

J. CURTIS LEWIS, JR., The Honorable

MR. ANDREW P. CALHOUN

MR. RICHARD FRANKLIN

II. Purposes and Programs

It is the purpose of Armstrong State College to furnish students with a basic understanding of the intellectual structure of civilized life and to provide some of the knowledge and experience necessary to enable them to become responsible contributors to their civilization.

The Bachelor of Arts and Bachelor of Science degrees and the core curriculum of all programs are directed primarily toward the development of attitudes and habits of mind leading toward intellectual and emotional maturity of the individual while providing a foundation of knowledge with orientation for future learning. Fundamental concepts of natural phenomena and their interactions are provided by study in the physical and biological sciences. The behavior of man is explored in the social sciences. The humanities deal with man's experience of life in nature and society through the study of his mental and spiritual creations: language, art, history, philosophy, and religion.

In addition to these programs, the complex professional resources of the college make it the center of professional programs, such as those in elementary and secondary education, business administration, nursing, dental hygiene, and police administration, which require a sound academic training as well as the development of professional skills.

No college degree program can provide the total education of an individual; all persons must continue to learn throughout their lives or suffer intellectual atrophy. The college, therefore, also becomes the natural center for the creation of numerous programs, often through short non-credit courses and institutes, which apply the college's resources to the many problems arising in a large urban community and to satisfying the desire of its citizens for continuing education. In this sense the educational role of this college is truly multi-purpose.

FOUR-YEAR DEGREES

Bachelor of Arts in the fields of history, English, music, political science, and psychology.

Bachelor of Science in the fields of biology, chemistry, and mathematics.

Bachelor of Business Administration in the fields of accounting, management-marketing, economics, and finance.

(Each of these above degrees may be taken along with an approved program leading to certification for secondary school teaching.)

Bachelor of Science in Education — Speech Correction

Bachelor of Science in Elementary Education.

Bachelor of Science in Medical Technology.

Bachelor of Science in Dental Hygiene Education.

TWO-YEAR DEGREES

The following two-year degrees are offered as preparation for higher degrees in the liberal arts and professions and for positions in business:

Associate in Arts

Associate in Arts in Nursing

(This degree prepares graduates for the state examination for licensure as registered nurses.)

Associate in Science in Dental Hygiene

Associate in Arts in Police Administration

PRE-PROFESSIONAL PROGRAMS

Armstrong State College offers the first year of programs in forestry and veterinary medicine; the first two years of programs in engineering, industrial management, physical education, physics, pharmacy; the first three years, or the entire pre-professional programs, in dentistry, law, medicine, optometry, and other fields. The student planning to transfer from Armstrong State College into a professional or academic major program not offered here should, at the beginning of his freshman year, consult the catalog requirements of the school he plans to attend.

HISTORY OF THE COLLEGE

Armstrong State College was founded on May 27, 1935, as Armstrong Junior College, by the Mayor and Alderman of the City of Savannah to meet a long felt need for a college in the community. The College was housed in the Armstrong Building, a gift to the city from the family of George F. Armstrong, and over the years built or acquired five more buildings in the neighborhood of Forsyth Park and Monterey Square.

The College, as Armstrong College of Savannah, became a two-year unit of the University System of Georgia on January 1, 1959, under the control of the Regents of the University System.

In 1962, the Mills Bee Lane Foundation purchased a new campus site of over 200 acres, selected by the Regents. The new campus, with seven new buildings, was occupied in December, 1965.

In 1964, the Regents conferred upon Armstrong the status of a four-year college, with the right to offer the degrees of Bachelor of Arts, Bachelor of Science, and Bachelor of Business Administration. The College now offers sixteen major programs leading to these degrees, and, in addition, the two-year Associate Degree in Nursing, in Dental Hygiene, and in Police Administration.

The College community includes approximately 2,200 students and 90 full-time faculty members.

Armstrong State College was fully accredited as a senior institution by the Southern Association of Colleges and Schools in December, 1968, with accreditation retroactive to January 1, 1968.

LIBRARY

The Lane Library is housed in an attractive two-story building, centrally located near classrooms and the student center. The library is well lighted, air conditioned, fully carpeted and handsomely furnished. Reading rooms and individual carrel desks are available on both floors. Faculty carrels and group study rooms are available on the second floor.

The resources of the Library include approximately 60,000 books, numerous documents and pamphlets, and a collection of micro-forms and recordings. Over 500 periodicals and newspapers are received.

Services and regulations are specified in the library handbook, available on request to the Librarian of the college.

OFFICE OF COMMUNITY SERVICES

Short Courses, Workshops and Seminars are planned, organized and administered by the office in response to group interest, or to meet a community need brought to the attention of the Associate Dean for Community Services. All are offered on a non-credit basis and, except in a very few cases, there are no special requirements or prerequisites for admission. Brochure of the non-credit and credit courses, under the heading of "Schedule of Evening Classes" is mailed before the beginning of every quarter; anyone wishing to do so may have his name placed on this mailing list. Subjects covered vary widely; the series is designed to offer something to appeal to almost any adult taste, from Computer Programming to Interior Decoration. The Dean is always glad to arrange courses for candidates preparing to take professional examinations in engineering, insurance, real estate, and in other areas; the college has been approved as an Examination Center for a number of these examinations. One-day workshops, such as the annual Writers' Workshop, are also planned and managed by this office.

EVENING CLASSES

In addition to the full daytime schedule, Armstrong offers a schedule of classes in the evening, including most of the required courses for some programs leading towards a degree.

Students employed during the day must limit their enrollment to one or two courses each quarter.

INDUSTRIAL CO-OP PROGRAM

It is possible, in some cases, for a student to plan, with the head of his major department, a schedule that allows alternate quarters of full-time work in industry or business and full-time college study in a degree program. Interested students should, after discussion with their department heads, inquire concerning placement possibilities with the Placement Office under the Associate Dean for Community Services.

STUDENT EXCHANGE PROGRAM WITH SAVANNAH STATE COLLEGE

A student enrolled at Savannah State College or at Armstrong State College as a full-time student has the privilege of taking at least one course with his Dean's approval at the other college without paying an additional fee. A student, for instance, may take two courses in his home college paying full fees and one course at the other college, which would be transferred back to his home college, or a student with at least a "B" average in the preceding quarter may take three courses at his home college, paying full fees, and register at the other college for an additional course without additional cost.

A student may obtain in the Registrar's Office the proper form for permission to register for courses at Savannah State College.



III. Admission to the College

Application forms for admission to Armstrong State College are provided by the Admissions Officer upon request. An application cannot be considered until all required forms are properly executed and returned to the Admissions Office. Applications must be on file in the Admissions Office at least twenty days before the opening of the quarter in which the applicant wishes to enter. Deadlines for submitting applications for the 1970-71 session are:

For Summer Quarter, 1970	—May 22 (New freshmen and transfers)
	June 5 (Transient students—Summer only)
For Fall Quarter, 1970	—September 2
For Winter Quarter, 1971	—December 14
For Spring Quarter, 1971	—March 1
For Summer Quarter, 1971	—May 26 (New freshmen and transfers)
	—June 4 (Transient students—Summer only)
For Fall Quarter, 1971	—September 1

The applicant must be at least sixteen years old on or before registration date and must give evidence of good moral character, promise of growth and development, seriousness of purpose, and a sense of social responsibility. Armstrong State College reserves the right to examine and appraise the character, the personality, and the physical fitness of the applicant. The College further reserves the right to examine any applicant by the use of psychological, achievement, and aptitude tests and to require additional biographical data and an interview before the applicant is accepted or rejected. If an interview is required the applicant will be notified.

Armstrong State College reserves the right to refuse to accept any or all of the credits from any high school or other institution, notwithstanding its accredited status, when the College determines through investigation or otherwise that the quality of instruction at such high school or other institution is for any reason deficient or unsatisfactory. The judgment of the College on this question shall be final.

The Admissions Officer may refer any applicant to the Admissions Committee of the College for study and advice. The ultimate decision

as to whether an applicant shall be accepted or rejected shall be made by the Admissions Officer subject to the applicant's right of appeal as provided in the policies of the Board of Regents of the University System.

On the basis of his achievement as reflected by his high school grades and on his potential ability as shown by his scores on the Scholastic Aptitude Test, an evaluation of each applicant's readiness to undertake college work will be made.

The Admissions Officer shall, as promptly as practicable, inform the applicant of the action taken upon his application.

The College reserves the right to terminate acceptance of applications when enrollment capacity is reached. The College further reserves the right to reject an applicant who is not a resident of the State of Georgia.

All students enrolled at Armstrong State College are required to sign the Honor Pledge at the time of their initial registration. For a detailed explanation of the Honor System see the REGULATIONS section of this catalogue.

Specific requirements for admission are discussed below.

REQUIREMENTS FOR FRESHMAN APPLICANTS

1. a. Certificate of graduation from an accredited high school. A transcript of the applicant's high school record must be submitted by the high school directly to the College and must show credit for a minimum of sixteen units, including the following specific subjects:

English — 4 units

Mathematics — 2 units (One unit must be in algebra, although two units of algebra are desirable. For students entering the engineering or scientific fields, two units of algebra and one of geometry are needed.)

Science — 2 units

Social Studies — 2 units

Other units sufficient to graduate.

OR b. Successful completion of the General Educational Development Test (GED) with no score less than 45. A score report form must be submitted directly to the college by the United States Armed Forces Institute, Madison, Wisconsin 53703 (if the student took the test while in military service) or from the GED testing center where the student took the test. A student under twenty years of age who presents GED test scores must, in addition, (1) have a transcript of his high school record mailed from the high school directly to the College

and (2) obtain a recommendation from the principal of the last high school attended on a form provided upon request by the Admissions Office.

2. Satisfactory scores on the Scholastic Aptitude Test of the College Entrance Examination Board. Official results of this test must be filed with the Admissions Office by the final date for submitting application for the quarter in which the student wishes to enroll.

The Scholastic Aptitude Test is given in all states and numerous foreign countries in November, December, January, March, May, and July. Students wishing to make application to take the test may secure application forms from their secondary school principal or counselor, or by writing directly to the College Entrance Examination Board, Box 592, Princeton, New Jersey 08540, or Box 1025, Berkeley, California 94701, for an application form and the *Bulletin of Information* which is available without charge. Applicants who wish to enroll at the beginning of the Winter Quarter should take the Scholastic Aptitude Test in November.

3. Application fee of \$10 which must accompany the application form. This fee does not bind Armstrong State College to admit the applicant nor does it indicate acceptance of the applicant's qualifications. The fee will not be credited toward the matriculation fee in the event that the applicant is accepted as a student and it will not be refunded in the event that the applicant does not enroll as a student. An applicant who fails to enroll in the quarter for which he is accepted must re-apply for admission if he wishes to enter the institution at a later time by resubmission of fee by the date specified.

4. Emergency Surgery or Medication Permit signed by the parents of a student (or the student himself if over 21 years of age) must be returned prior to admission either authorizing or not authorizing the College to take whatever action is deemed necessary in the case of an emergency until the parents can be reached.

5. Physical examinations prior to admission are required for all entering students with the exception of the following: evening students, special students, transient students, and auditors.

ADVANCED PLACEMENT

Armstrong State College gives advanced placement, or in some cases college credit, for college level high school courses, on the basis of the high school teacher's recommendation, the student's grade on the Advanced Placement Examination of the CEEB, and approval by the appropriate department head of Armstrong State College.

QUARTER-ON-TRIAL

A Georgia applicant for admission to the freshman class who has not previously attended any other college and whose predicted first-year-average grade does not qualify him for regular admission may be admitted to the Quarter-On-Trial Program.

A student admitted to the Quarter-On-Trial Program must enroll in the appropriate freshman English course; and with the recommendation of his faculty advisor, he may enroll for as many as two additional academic courses. By satisfactorily completing the appropriate English course *and* by meeting the grade-point-average requirements specified in the table on page 60, a Quarter-On-Trial student may qualify for continuation in the next quarter as a regular student.

REQUIREMENTS FOR TRANSFER APPLICANTS

1. Transfer applicants will follow the same procedures as freshman applicants, except that transfer applicants who will have achieved sophomore standing at the time of their entrance will not be required to submit their high school records. Such records may be required by the Admissions Office but normally the transcripts of previous college records will suffice in place of the high school record. A transfer applicant must ask the Registrar of *each* college he has previously attended to mail an official transcript of his record to the Admissions Office at Armstrong State College, regardless of the transferability of the credits.

2. Transfer applicants with less than sophomore standing (less than 45 quarter hours completed) must meet entrance requirements of both freshman and transfer applicants and will be required to submit their high school records as well as transcripts of college records.

3. A transfer applicant will not be eligible for admission to Armstrong State College unless he is eligible to return to the last college attended on the date he expects to enter Armstrong. A student who is on suspension from another college because of poor scholarship or disciplinary reasons will not be eligible for admission.

4. A transfer applicant will be considered for admission to Armstrong State College if, on *all* work attempted at other institutions, his academic performance as shown by his grade point average is equivalent to the minimum standard required by Armstrong State College students of comparable standing. (See chart under Academic Probation and Dismissal Policy on page 60.)

5. Credit will be given for transfer work in which the student received a grade of "D" or above with the percentage of "D" grades not to exceed twenty (20) per cent of the total hours being transferred. College credit will not be allowed for such courses as remedial English and remedial mathematics or courses basically of secondary school level.

6. Credits earned at an institution which is not a member of the appropriate regional accrediting agency can be accepted on a provisional basis only. A student transferring from an institution which is not a member of a regional accrediting agency must achieve a "C" average on his first fifteen quarter hours of work at Armstrong in order to be eligible to continue. In certain areas he may be required to validate credits by examination. In computing cumulative grade averages, only the work attempted at Armstrong will be considered.

7. The amount of credit that Armstrong will allow for work done in another institution within a given period of time may not exceed the normal amount of credit that could have been earned at Armstrong during that time. A maximum of 100 quarter hours may be transferred from a junior college. For a bachelor's degree, 90 quarter hours of junior and senior level work will be required (except in certain approved programs in mathematics, the natural sciences, and music), of which the last 45 quarter hours in courses numbered 200 and above must be taken at Armstrong. At least half of the courses offered in the major field must be taken at Armstrong.

8. Not more than one-fourth of the work counted toward a degree may be taken by correspondence or extension courses. No correspondence courses may be used to meet requirements in the major field or the related field for the bachelor's degree. No correspondence courses may be taken while a student is enrolled at Armstrong State College without prior approval of the Dean of the College and the head of the department in which the student is majoring. Correspondence credit will not be accepted for courses in English composition or foreign language.

CONTINUING EDUCATION STUDENTS

All military personnel and adults, age 22 years or older, who wish to take regularly scheduled courses for personal enrichment and other non-degree objectives may be enrolled for credit or as auditors. If these students enroll for credit, they must meet all prerequisites for the course involved; if they enroll as auditors, they must have the permission of the instructor involved. Admission of Continuing Education students requires: (1) evidence of high school graduation or possession of GED certificate or (2) transcript from last college attended. Students on probation or suspension will not be permitted to enroll in this program without approval by the Admissions Committee.

A maximum of 45 quarter hours credit may be earned by student enrolled in this classification. Should a degree become the objective of a Continuing Education student, he must apply for admission as a degree candidate, meeting regular admission requirements.

All college fees apply to students in this classification with the exception of the application fee which is not required until the student requests admission as a degree candidate. Military personnel pay fee in accordance with negotiated military contracts.

READMISSION OF FORMER STUDENTS

A student who has not been enrolled at Armstrong for one or more quarters must apply for readmission on a form provided by the Admissions Office. A former student who has not attended another college since leaving Armstrong may be readmitted provided he is not on suspension at the time he wishes to reenter. A former student who has attended another college since leaving Armstrong must meet requirements for readmission as a transfer student or as a transient student, whichever is applicable. A student who is readmitted after an absence from the College for more than two years must meet degree requirements as listed in the catalogue in effect at the time of his return.

TRANSIENT STUDENTS

Transient student status means that a student is admitted to Armstrong State College only for a specified period of time, normally a summer quarter. An applicant for transient status must file a regular application form and submit a statement from his Dean or Registrar that he is in good standing and has permission to take specific courses at Armstrong to be transferred to his own institution when satisfactorily completed. Since transient students are not admitted as regular Armstrong students, transcripts of college work completed elsewhere are not usually required of such applicants. A transient student who wishes to remain at Armstrong longer than one quarter must submit an additional statement from his Dean or Registrar or he must meet all requirements for regular admission as transfer student.

ARMSTRONG STATE COLLEGE ACCELERATED PROGRAM FOR HIGH SCHOOL STUDENTS

This program marks a new venture for this community in which college and high school join to challenge intellectually able young men and women to test their interests and their capacity to learn.

The Program

High school students who have completed the eleventh grade, who have met the criteria for admission to the program and who maintain its standards will be permitted to enroll in one course each quarter at Armstrong State College while they complete the senior year of high school. Upon graduation from high school, these students will be admitted upon application as regular students of the College and will be given full college credit for the courses taken at Armstrong.

Through this program, a student may complete over two-thirds of the freshman year of college before he begins his regular college career.

The maximum number of college courses possible is:

Summer	1 course (5 qtr. hours)
Fall	1 course (5 qtr. hours)
Winter	1 course (5 qtr. hours)
Spring	1 course (5 qtr. hours)
Summer (following high school graduation and admission to Armstrong) . . .	3 courses (15 qtr. hours)
	7 courses (35 qtr. hours)

The College Courses

Every student accepted in this program must take a course in English or mathematics first. Thereafter, he may choose any freshman course, with permission of his college adviser.

Criteria for Admission

The College will consider a student for this program only upon written recommendation of his high school principal. In the view of the College, it is only the principal who can judge the circumstance that may make the program valuable and practicable for any student.

To be admitted to the program a student must satisfy all of these criteria:

1. written recommendation by the Principal of the high school
2. completion of the eleventh grade in an accredited high school
3. a combined verbal and math score of 1000 on CEEB tests;
4. an average grade of B or better in academic subjects (English, mathematics, science, social studies, language) through the ninth, tenth and eleventh grades as averaged by the Armstrong State College Admissions Officer.
5. written permission of the parents.

Standards

A student forfeits the privilege of this program if in any quarter his grade in the college course is below C or his high school average in academic courses is below B.

Procedure for Admission

A high school principal may recommend students following the

fifth six-week period of the students' eleventh year. The recommendation to the College must be made by May 15th if the student intends to begin in the summer. The principal may recommend following the full eleventh year by August 15th if the student intends to begin in the fall.

FOREIGN STUDENTS

A student from a country other than the United States who is interested in attending Armstrong must meet the following requirements before application is made:

1. He must have met the requirements of freshman applicants.
2. He must have an official transcript of his academic record mailed to the Admissions Office at Armstrong with an official translation.
3. He must take the SAT of the College Entrance Examination Board in the testing center nearest his home and ask that the results be sent to Armstrong.
4. He must take the Test of English as a Foreign Language and ask that the results be sent to Armstrong. (Applications for the test are available from the Educational Testing Service, Box 899, Princeton, N. J. 08540.)

If the applicant meets the academic requirements for admission, he will be sent an application form. After it has been returned and approved, the applicant will be sent an I-20 Form (I-20A and I-20B), which he can then take to the American Consul to ask for a student visa. When he arrives on campus, he will be tested in English composition by the Department of English for class placement.

No scholarships are available for students who are not legal residents of Georgia. All foreign students must pay non-resident fees.

ADMISSION OF VETERANS

After having been accepted at Armstrong State College and upon receipt of Certification of Eligibility and Entitlement from the Veterans Administration, veterans may attend under Public Law 358 (Veterans Readjustment Benefits Act of 1966), Public Law 815 (disabled), Public Law 894 (disabled), Public Law 634 (war orphans), or Public Law 361 (children of permanently disabled veterans). Students under Public Laws 358, 361, or 634 should be prepared to pay tuition and fees at the time of registration.

APPLICANTS SPONSORED BY VOCATIONAL REHABILITATION

Those applicants sponsored by Vocational Rehabilitation or other community agencies must apply at least six (6) weeks before the beginning of any quarter to insure proper processing of applications.

FINANCIAL AID

(See Financial Aids, Section V of this Bulletin for further information.)

REGISTRATION AND ORIENTATION

Prior to the Fall Quarter a period of orientation is set aside to assist new students in becoming acquainted with the College, its curriculum, extra-curricular activities, student leaders, counselors, members of the faculty and the administration. Complete instructions concerning registration are made available to all students at the beginning of the registration period. Registration includes counseling, academic advisement, selection of courses, enrollment in classes, and payment of fees. Full details regarding orientation and registration are provided to all incoming students during the summer preceding their initial enrollment.

RESIDENCY REQUIREMENTS OF THE BOARD OF REGENTS

To be considered a *legal* resident of Georgia, the applicant must establish the following facts to the satisfaction of the Registrar.

1. A student who is under 21 years of age at the time he seeks to register or re-register at the beginning of any quarter will be accepted as a resident student only upon a showing by him that his supporting parent or guardian has been legally domiciled in Georgia for a period of at least twelve months immediately preceding the date of registration or re-registration.
2. In the event that a legal resident of Georgia is appointed as guardian of a non-resident minor, such minor will not be permitted to register as a resident student until the expiration of one year from the date of appointment, and then only upon

proper showing that such appointment was not made to avoid payment of the non-resident fee.

If a student is over 21 years of age, he may register as a resident student only upon a showing that he has been domiciled in Georgia for at least twelve months prior to the registration date.

Any period of time during which a person is enrolled as a student in any educational institution in Georgia may not be counted as a part of the twelve months' domicile and residence herein required when it appears that the student came into the State and remained in the State for the primary purpose of attending a school or college.

A full-time faculty member of the University System, his or her spouse, and minor children may register on the payment of resident fees, even though the faculty member has not been a resident in Georgia for twelve months.

If the parents or legal guardian of a minor change residence to another state following a period of residence in Georgia, the minor may continue to take courses for a period of twelve consecutive months on the payment of resident fees. After the expiration of the twelve months' period the student may continue his registration only upon the payment of fees at the non-resident rate.

Military personnel and their dependents may become eligible to enroll in institutions of the University System as resident students provided they file with the institution in which they wish to enroll the following:

- a. A statement from the appropriate military official showing that the applicant's "home of record" is the State of Georgia; and
- b. Evidence that applicant is registered to vote in Georgia;
or
- c. Evidence that applicant, if under 18 years of age, is the child of parents who are registered to vote in Georgia;
and

- d. Evidence that applicant or his supporting parent or guardian filed a Georgia State income tax return during the preceding year.
7. Foreign students who attend institutions of the University System under sponsorship of civic or religious groups located in this state, may be enrolled upon the payment of resident fees, provided the number of such foreign students in any one institution does not exceed the quota approved by the Board of Regents for that institution.
8. All aliens shall be classified as non-resident students; provided, however, that an alien who is living in this country under a visa permitting permanent residence or who has filed with the proper federal immigration authorities a Declaration of Intention to become a citizen of the United States shall have the same privilege of qualifying for resident status for fee purposes as has a citizen of the United States.
9. Teachers in the public schools of Georgia and their dependents may enroll as students in University System institutions on payment of resident fees, when it appears that such teachers have resided in Georgia for nine months, that they were engaged in teaching during such nine months' period and that they have been employed to teach in Georgia during the ensuing school year.
10. If a woman who is a resident of Georgia and who is a student in an institution of the University System marries a non-resident of the State, she may continue to be eligible to attend the institution on payment of resident fees, provided that her enrollment is continuous.
11. If a woman who is a non-resident of Georgia marries a man who is a resident of Georgia, she will not be eligible to register as a resident student in a University System institution until she has been domiciled in the State of Georgia for a period of twelve months immediately preceding the date of registration.

Admission to the Associate in Arts Degree in Nursing

PROGRAM IN NURSING

Nursing calls for a variety of skills and aptitudes and offers unlimited opportunities for different kinds of service. Therefore, a candidate for the nursing program should have good physical and mental health as well as those personal qualifications appropriate for nursing. For these reasons the Admissions Committee selects students whose abilities, interests, and personal qualities show promise of success in the program and in the field of nursing. Factors influencing the decision of the Admissions Committee are: achievement as shown on the secondary school record, ability as measured by the Scholastic Aptitude Test, motivation for nursing, health, personal qualities, and social adjustment. Applicants who, in the judgment of the Admissions Committee, present high overall qualifications are selected. Since applications are processed as received, applicants are encouraged to apply early in the senior year of high school or as early in the year preceding admission as possible. Application forms are available from the Admissions Officer of the College.

The preferred age for applicants, married or single, at the time of entrance is 18. The upper age limit is 40 years. Applicants who have not reached their 18th birthday but who can show evidence that they will reach their 20th birthday by the date they are scheduled to complete the program will be considered. The State of Georgia requires, as do most other states, United States citizenship, either natural born or naturalized, for registered nurse licensure. Candidates for admission to the nursing program who are not citizens may be admitted only under certain circumstances and should make individual inquiries.

How to Apply

1. Complete the application form for admission to Armstrong State College and return it with the non-refundable \$10 application fee. Mark the application *For Nursing Only*.
2. Complete the Personal Data Sheet for the Department of Nursing.
3. Have the medical form completed by a licensed physician.
4. Have the dental form completed by a dentist.

5. Take the National League for Nursing Aptitude Test on one of the dates scheduled on campus. Applications for the National League for Nursing Aptitude Test may be obtained from the Department of Nursing at Armstrong State College or from the Director of Admissions at Armstrong State College.
6. Take the Scholastic Aptitude Test given by the College Entrance Examination Board as early in the year as possible. When applying for the test, be certain to list Armstrong State College as one college to receive your scores.
7. Have a transcript of your high school record mailed from the high school directly to the Admissions Office at Armstrong. (A transfer student should also ask the Registrar of *each* school or college she/he has previously attended to mail an official transcript of her/his record to the Admissions Office at Armstrong, regardless of the transferability of the credits.)
8. Send, or have sent, two written letters of reference directly to the Admissions Office from non-family members (teachers, employers, or other qualified persons) who have known you for at least three years.
9. Send, or have sent, to the Admissions Office a certified copy of your birth certificate.

OTHER INFORMATION

1. It is recommended that applicants who have been away from school for a considerable period of time enroll in at least one course in an accredited college of their choice during the school year or summer preceding their planned entrance to the nursing program.
2. Except in unusual circumstances, no credit will be given for nursing courses taken in another school of nursing.
3. An applicant on academic suspension or probation from another college will not be considered.
4. Nursing students are responsible for providing their own transportation to and from campus to the clinical area. (i.e. community hospitals and other health agencies).

5. Armstrong State College does not provide student housing. It is necessary for the students whose homes are not located in Savannah to make private arrangements for living accommodations. The responsibility for procuring suitable housing rests with the student and her/his parents. For further information regarding housing, please contact the office of Student Affairs.
6. Students are required to wear the official student uniform of the Department of Nursing. Uniforms will be ordered during the Winter Quarter and may be purchased from the College Bookstore.
7. Fees for a nursing student will be the same as for any other student at Armstrong. Please refer to the Fees section of the current *Bulletin*.
8. Students are admitted to the nursing sequence courses once each year in the fall. Seven consecutive quarters in the nursing program are required. Students may begin the academic courses required in the program in any quarter.
9. All nursing courses must be taken in sequence. Each nursing course has a prerequisite beginning with Fundamentals of Nursing.
10. All students must take the National League for Nursing Pre-Nursing Aptitude and Guidance Examination.
11. Students accepted for the nursing program will be sent information on supplies and equipment needed for the Fall Quarter approximately two weeks before the opening of school with approximate charges.
12. Admission to Armstrong State College does not in any way guarantee formal admission into the Department of Nursing.

Formal admission and continuation in the second quarter of the program is dependent upon a student's obtaining a passing grade of "C" in nursing and maintaining an overall 2.0 average first quarter.

Admission to the Associate in Science Degree in Dental Hygiene

The profession of Dental Hygiene is an ideal career for young women interested in science and health services. The growing and constant demand for graduate dental hygienists assures a young woman of regular hours and good compensation.

A dental hygienist works under the general supervision of a dentist and performs a number of dental functions. Her activities usually include performing oral prophylaxis (cleaning of the teeth), instructing patients in dental health, taking, developing and mounting dental x-rays, applying fluorides and sometimes assisting the dentist in chairside and laboratory duties.

There are certain personal qualifications which are essential for a successful dental hygienist. These are good health, neat appearance, high moral character, a desire to be of service to others, and the ability to get along well with people.

The Armstrong State College program consists of seven quarters of full time study (two academic years and the intervening summer). Applicants are matriculated once each year, in September.

There are no definite age requirements or restrictions for the basic Dental Hygiene program. However, all applicants must be graduates of an accredited high school or its equivalent. Students may be either married or single and must be citizens of the United States, either natural born or naturalized.

Applicants must meet the admission requirements for Armstrong State College and the School of Dental Hygiene.

The major part of an applicant's secondary school work should be in the college preparatory program and should include two years of mathematics. Because of the heavy emphasis on science in the dental hygiene curriculum, it is important that applicants have a good foundation in chemistry and biology. The quality of the candidate's work in high school English and social studies is most important in evaluating her total qualifications for admission to the Dental Hygiene program. Other factors which influence the decision of the Dental Hygiene admissions committee are: a "C" or better average in high school, an acceptable score (composite — verbal and mathematical) on the Scholastic Aptitude Test given by the College Entrance Examination Board, and an average of 4 on the Dental Hygiene Aptitude Test.

HOW TO APPLY

Complete the application form for admission to Armstrong State College and return it with the non-refundable \$10 application fee. Mark the application *For Dental Hygiene Only*. Complete the Personal Data Sheet for the Department of Dental Hygiene.

Have the medical form completed by a physician.

Have the dental form completed by a dentist.

Take the Dental Hygiene Aptitude Test on one of the three dates scheduled on campus. Applications for the Dental Hygiene Aptitude Test may be obtained from the Department of Dental Hygiene at Armstrong State College or from the Director of Admissions at Armstrong State College.

Take the Scholastic Aptitude Test given by the College Entrance Examination Board as early in the year as possible. When applying for the test be certain to list Armstrong State College as one college to receive your scores.

Have a transcript of your high school record mailed from the high school directly to the Admissions Office at Armstrong. (A transfer student should also ask the Registrar of *each* school or college she has previously attended to mail an official transcript of her record to the Admissions Office at Armstrong, regardless of the transferability of the credits).

OTHER INFORMATION

It is recommended that applicants who have been away from school for a considerable period of time enroll in at least one course in an accredited college of their choice during the school year or summer preceding their planned entrance to the Dental Hygiene program.

For the Associate in Science Degree no credit will be given for Dental Hygiene courses taken in another School of Dental Hygiene.

An applicant on academic suspension or probation from another college will not be considered.

Dental Hygiene students are responsible for providing their own transportation to and from campus and to community agencies when assigned for field experiences.

Armstrong State College does not provide student housing. It is necessary for the students whose homes are not located in Savannah to make private arrangements for living accommodations. The responsibility for procuring suitable housing rests with the student and her parents. For further in-

formation regarding housing, please contact the Office of Student Affairs.

6. Students are required to wear the official student uniform of the Department of Dental Hygiene. Uniforms will be ordered during the Winter Quarter and may be purchased from the College Bookstore.
7. Fees for Dental Hygiene students will be the same as for any other student at Armstrong. Please refer to the Fee section of the current *Bulletin*.
8. Students are admitted to the Dental Hygiene sequence course once each year in the fall. Seven consecutive quarters in the Dental Hygiene program are required. Students may begin the academic courses required in the program in any quarter.
9. All Dental Hygiene clinical courses must be taken in sequence. Each Dental Hygiene course has a prerequisite beginning with Dental Hygiene 101.
10. All students must take the Dental Hygiene Aptitude Test to be considered for admission.
11. Students accepted for the Dental Hygiene program will be sent information on supplies and equipment needed for the Fall Quarter approximately two weeks before the opening of school with approximate charges.
12. Admission to Armstrong State College does not in any way guarantee formal admission into the Department of Dental Hygiene.

Formal admission and continuation in the program for the second quarter is dependent upon a student's obtaining a passing grade of "C" in dental hygiene and maintaining an overall 2.0 average first quarter.

Admission to the Associate in Arts Degree Program in Police Administration

An Applicant must present:

1. evidence of high school graduation (or equivalent) as shown by the high school transcript or General Educational Development credit (USAFI credits or credits earned through his school correspondence courses are not accepted);
2. transcripts from all previous colleges attended;
3. a letter of recommendation from high school principal, teacher, or counselor, and letter from the chief law enforcement officer in his community.

The applicant must be approved by the faculty of the Department of Police Administration.

IV. Fees

APPLICATION FEE

The Application Fee of \$10.00 is paid by all students at the time of initial application for admission to Armstrong State College. The acceptance of the Application Fee does not constitute acceptance of the student. This fee is not refundable.

MATRICULATION FEE

The Matriculation Fee for students registering for the normal course load of fifteen hours is \$105.00. Students carrying less than 2 credit hours in a quarter will pay at the rate of \$9.00 per quarter hour in Matriculation Fees.

OUT OF STATE TUITION

Non-residents of Georgia must pay a fee of \$135.00 per quarter in addition to all regular fees. Students carrying less than 12 credit hours in a quarter who are not legal residents of the State of Georgia will pay at the rate of \$11.00 per quarter hour Out-of-State Fee in addition to the fee in Matriculation Fees.

STUDENT ACTIVITY FEE

There will be a Student Activity Fee of \$15.00 per quarter. This fee is not refundable.

LATE REGISTRATION FEE

A late registration fee of \$4.00 will be charged to students registering on the date listed in the catalog as the date on which classes begin. A fee of \$5.00 will be charged for registrations completed on the date listed in the catalog as the "last day to register for credit."

CHANGE OF SCHEDULE FEE

A fee of \$2.00 is charged for the changing of a student's schedule after the registration cards have been processed. No charge is made if the change is initiated by the College. This fee is not refundable.

GRADUATION FEE

A Graduation Fee of \$10.00 will be collected from each candidate for Graduation.

TRANSCRIPT FEE

Each student is entitled to one official transcript of his college work. The charge for additional copies is \$1.00 each.

MUSIC FEES

Students who are not full-time music majors registered for 10 or more quarter hours will be required to pay a special fee for applied music courses in addition to the regular registration and matriculation fees. The fees are indicated in the description of courses found under "Course Descriptions" elsewhere in this bulletin and are not refundable.

Students who are full-time music majors and registered for 10 or more quarter hours are not required to pay this special fee.

MAKE-UP TEST FEE

For cause, a student may arrange with an instructor to make up an announced quiz or final examination. The arrangements to make up the announced test must be made within one week after the student returns to college.

A fee of \$2.00 is charged for the making up of any announced quiz and a fee of \$5.00 for a make-up final examination and laboratory examinations, except as shown below. The total charges to any one student for a final make-up examination in a given subject shall not exceed \$5.00. All fees will be paid to the Business Office.

The conditions under which fees for make-up quizzes and final examinations will not be charged are as follows: the student was absent (1) on official college business; (2) due to illness; (3) because of death in the family; or (4) in observing religious holidays.

The student's reasons for claiming exemption from paying the fee must be presented in writing to the instructor.

SHORT COURSES

Fees are announced for each course when the course is announced. No refund can be made for withdrawal from a course.

SUMMARY OF FEES

Matriculation per quarter	\$105.00
Student Activity, per quarter	15.00
TOTAL FOR GEORGIA RESIDENTS	120.00

Out of State Tuition, per quarter	135.00
TOTAL FOR NON-RESIDENTS	255.00
Matriculation, Part-time Students, per quarter hour . . .	9.00
Non-Resident Tuition, Part-time Students, per quarter hour (in addition to Matriculation Fee)	11.00

PRIVILEGE FEES

Application Fee	\$ 10.00
Late Registration — Maximum	5.00
Special Examinations	2.00
Final Examinations	5.00
Graduation Fee	10.00
Transcript, first one free, each additional	1.00
Change of Schedule	2.00

REFUNDS

Refunds of fees will be made only upon written application for withdrawal from school. No refunds will be made to students dropping a course. Students who formally withdraw during one week following the scheduled registration date are entitled to a refund of 80% of the fees paid for that quarter. Students who formally withdraw during the period between one and two weeks after the scheduled registration date are entitled to a refund of 60% of the fees paid for that quarter. Students who formally withdraw between two and three weeks after the scheduled registration date are entitled to a refund of 40% of the fees paid for that quarter. Students who formally withdraw during the period between three and four weeks after the scheduled registration date are entitled to a refund of 20% of the fees paid for that quarter. Students who withdraw after a period of four weeks has elapsed from the scheduled registration date will be entitled to no refund of any part of the fees paid for that quarter.

Fees and Charges are Subject to Change at the End of any Quarter

Any student delinquent in the payment of any fee due the college will have grade reports and transcripts of records held up, and will

not be allowed to re-register at the college for a new quarter until the delinquency has been removed.

Fees for each quarter are to be paid in full at the time of registration.

If a check is not paid on presentation to the bank on which it is drawn, the student's registration will be cancelled and the student may re-register only on payment of a \$5.00 service charge.



V. Financial Aids

FINANCIAL AIDS

A college education for qualified students, regardless of their economic circumstances, is the guiding principle behind Armstrong State College's program of student financial aid. Through an expanding program of financial aid which offers scholarships, short-term loans, long-term loans, grants, and student employment, Armstrong State College tries to provide an opportunity for all qualified students with limited resources to attend college.

In selecting a financial-aid recipient, special consideration is given to the applicant's record of achievement and promise of success as well as his financial need. Gift scholarships usually specify high academic standards as an eligibility requirement; otherwise full-time students in good standing who progress normally toward their degree-goal are eligible for financial aid.

Armstrong State College uses the College Scholarship Service which evaluates the Parents' Confidential Statement. Freshmen may secure this form from the local high school counselor, from the Office of Student Affairs of the College, or from the College Scholarship Service, P. O. Box 176, Princeton, New Jersey. Applications which do not include this financial data are incomplete and cannot be considered. Applications for scholarships must be filed before May 1. Final action cannot be taken until the applicants have been accepted for admission to the college; thus, early application is urged.

If a student on scholarship withdraws from school, he is obligated to reimburse the college for the scholarship within one quarter following the date of withdrawal.

SCHOLARSHIPS

American Business Women (Azalea Chapter)
American Business Women (Rebel Chapter)
Armstrong State College Athletic Association
Harry M. Carter Scholarship
Chatham Education Association Scholarship
Clinton Oil Company
Colonial Oil Industries Scholarship
Elks Aidmore Auxiliary (Nurses)
Exchangette Club
Fraternal Order of Police
Garden City Lions Club Scholarship
Great Dane Trailer Scholarships
Robert W. Groves Scholarship

Homebuilders Association of Savannah
Inner-City Methodist Church
Junior Chamber of Commerce Scholarships
Jaycettes Scholarship
Kennen Foundation (Piano)
Kiwanis Academic Award
Kiwanis Athletic Award
Arthur Lucas Memorial Scholarship
Metropolitan Kiwanis Club of Savannah Scholarship
National Secretaries Scholarship
Pilot Club
Plumrite Scholarships
Port City Lions Club Scholarship
Anthony Porter Scholarships
Savannah Business and Professional Club Scholarship
Savannah Women's Club Scholarship
Scholarship Trust Fund Awards
Strachan Shipping Company
Union Camp Scholarships

REGENTS' SCHOLARSHIPS

Another source of scholarship aid for students who are residents of the State of Georgia is the Regents' Scholarship. These scholarships, varying from \$250 to \$1,000, are awarded to superior students who are in need of financial assistance to attend college. To be eligible for a Regents' Scholarship, a student must have grades or predicted grades that place him in the upper 25% of his class. Recipients of Regents' Scholarships are expected, upon completion of their program of study, to reside in the State of Georgia and work one year for each \$1,000 of scholarship aid received.

Further information on these scholarships and application forms may be obtained from the Office of Student Affairs at the College. The deadline for applying for the Regents' Scholarships is April 30.

EDUCATIONAL OPPORTUNITY GRANTS

Educational Opportunity Grants are available to a limited number of students with exceptional financial need who require these grants in order to attend college. To be eligible, the student must also show academic or creative promise.

Grants will range from \$200 to \$1000 a year and can be no more than one-half of the total assistance given the student.

NATIONAL DEFENSE STUDENT LOANS

High school graduates who have been accepted for enrollment or students who are already enrolled at Armstrong State College and who need financial help for educational expenses, are eligible for student loans. Financial need determinations are made on the basis of information included in the Parents' Confidential Statement.

The loans bear interest at the rate of 3 per cent per year. Repayment of the principal may be extended over a ten-year period, except that the institution may require a repayment of no less than \$15 per month.

If a borrower becomes a full-time teacher in an elementary or secondary school or in an institution of higher education, as much as half of the loan may be forgiven at the rate of 10 per cent for each year of teaching service.

GEORGIA HIGHER EDUCATION ASSISTANCE CORPORATION

The Georgia Higher Education Assistance Corporation guarantees educational loans made by bona fide Georgia residents. Under this plan, the student negotiates with approved banks, savings and loan associations, or insurance companies for a student loan. The loan application is reviewed and approved by the College. The lending institution, with approval of the Georgia Higher Education Assistance Corporation, makes the loan directly to the student.

While the student remains in college, GHEAC will pay the lending institution seven per cent interest. Students are required to begin repaying student loans, and interest then accruing on such loans, ten months following graduation or withdrawal from school. The student shall be entitled to accelerate, without penalty, the payment of the whole or any part of a guaranteed loan.

LAW ENFORCEMENT EDUCATION PROGRAM

Through the Law Enforcement Student Loan Program and the Law Enforcement Student Grant Program, low-interest loans and grants for tuition and fees are made available to eligible students. Loans are made only to students who are enrolled or accepted for enrollment on a full-time basis in the Police Administration Program. Grants are available only to students who are officers of publicly-funded law enforcement agencies enrolled or accepted for enrollment on a full-time or part-time basis in an area related to law enforcement or an area suitable for those employed in law enforcement.

NURSING STUDENT LOAN PROGRAM

The Nursing Student Loan Program provides financial assistance for nursing students in the form of long-term, low-interest loans. Students enrolled in nursing schools are eligible to receive a \$1,500 loan, or the amount of their financial need, whichever is the lesser. A uniform interest rate of three percent per year will apply to student loans made after June 30, 1969. Fifty percent of the loan may be forgiven at the rate of 10 percent each year for full-time employment as a professional nurse in any public or non-profit institution or agency.

The Nursing Student Scholarship Program makes scholarships available to students from low-income families.

BARNEY MINKOFF PADEREWSKI SCHOLARSHIP MEMORIAL FUND

Students from Georgia enrolled in the Dental Hygiene Program may receive loans up to \$500 per year, interest free. Repayment shall begin six months after the student has ceased to be enrolled as a student at the minimum rate of \$50 per month. Applications are available in the Office of Student Affairs.

FINANCIAL AID APPLICATION PROCEDURE

A financial aid applicant should take the following steps:

1. File Armstrong State College Financial Aid Application Form with Director of Financial Aid, before May 1 for the Fall Quarter.
2. Apply for admission to Armstrong State College through the Admissions Office.
3. Take the Scholastic Aptitude Test given by the College Entrance Examination Board no later than January of the high school senior year and list Armstrong as one college to receive your scores.
4. Have parents (or guardian) complete and submit the Parents' Confidential Statement to College Scholarship Service, Box 176, Princeton, New Jersey, requesting that the Need Analysis Report be sent to Armstrong State College.

When the Director of Financial Aid has received all items listed above, consideration will be given to the student's request.

OTHER SOURCES OF FINANCIAL AID TO ARMSTRONG STATE COLLEGE

A limited number of short-term loans are available at low interest rates for emergency purposes.

CLINTON LODGE NO. 54, F. & A. M. SCHOLARSHIP — This scholarship is for graduates of the regular high schools of the Public School system of Chatham County. Grants will be awarded to students whose family income is \$7,500 or less; who stand in the top 30% of their class; who have a combined SAT score of 900, and who are of good character. Apply to: Education Committee, Clinton Lodge No. 54, F. & A. M., P. O. Box 992, Savannah, Georgia, by June 1.

SOLOMONS' LODGE NO. 1, F. & A. M. SCHOLARSHIP — Two scholarships for \$240 each to be awarded to a graduate of a tax-supported high school. Apply to: Committee on Scholarship Awards, Solomon's Lodge No. 1, F. & A. M., P. O. Box 1711, Savannah, Georgia.

SAVANNAH CHAPTER, NATIONAL SECRETARIES ASSOCIATION — One scholarship covering tuition, fees and expenses, for a female student majoring in secretarial science. Apply to high school counselor or typing teacher.

WILLIAM F. COOPER EDUCATION FUND — Provides scholarships to female students in all fields except law, theology, and medicine (nursing and medical technology are acceptable). Apply to: Trust Department, Savannah Bank & Trust Company, between April 1 and May 31.

KENNEN FOUNDATION MUSIC SCHOLARSHIPS — For piano students. Applicants may apply for an audition prior to May 1 at Kennen Foundation Headquarters, 1451 Dale Drive, Savannah, Georgia.

STATE TEACHERS SCHOLARSHIPS — Provide scholarship funds for residents of Georgia for the purpose of pursuing a full academic program of studies leading to a professional teacher's certificate. In order to qualify for a State Teacher Scholarship, a student must have an average of *B* or higher. The amount of the scholarship award will depend on the need of the student.

THE STATE SCHOLARSHIP COMMISSION — Provides scholarships for students who cannot otherwise finance the cost of a program of study in dentistry, nursing, pharmacy, social work, paramedical fields and other educational and professional fields of study as defined and approved by the Commission.

TY COBB EDUCATION FOUNDATION SCHOLARSHIP — Provides scholarship aid for residents of the State of Georgia who have completed their freshman year in college. Apply to: Ty Cobb Educational Foundation Scholarships, Room 454, 244 Washington Street, S.W., Atlanta, Georgia 30303.

PICKETT & HATCHER EDUCATIONAL FUND — Provides loans at reasonable interest rates to students in need of such aid to attend college. Apply to: Pickett & Hatcher Educational Fund, P. O. Box 1238, Columbus, Georgia.

SAVANNAH PHARMACEUTICAL ASSOCIATION SCHOLARSHIP — One Scholarship for \$200 for a freshman student majoring in pre-pharmacy to attend Armstrong College (or the University of Georgia). Apply to: Mr. Thomas C. Crumbley, Chairman, Scholarship Committee, Savannah Pharmaceutical Association, c/o Crumbley's Pharmacy, 1502 Waters Avenue, Savannah, Georgia.

CHATHAM ARTILLERY SCHOLARSHIPS — A number of scholarships for \$250 each to members of the Chatham Artillery attending college full time. Apply to the Chatham Artillery.

STATE DEPARTMENT OF VOCATIONAL REHABILITATION — Students who have had a physical or emotional handicap, and have been treated successfully, and are acceptable for vocational rehabilitation, may receive financial assistance to attend college through the State Department of Vocational Rehabilitation. Apply to: 35 Abercorn Street, Savannah, Georgia.

WORK-STUDY PROGRAM

Financial aid is available to students through the Work-Study Program. A number of part-time jobs are made available to students who need financial assistance. Both the institutional application and the Parents' Confidential Statement are required. While school is in session, students may work up to three hours a day. During vacation periods and in the summer, it is possible for students to work full-time.

The student's eligibility depends upon his need for employment to defray college expenses with preference given to applicants from low-income families.

STUDENT ASSISTANT PROGRAM

Work opportunities are available under the Student Assistant Program for interested students. This is a program financed by the College, and work is not necessarily assigned on the basis of financial need. Applications are available in the Office of Student Affairs.

VI. Academic Regulations

HONOR SYSTEM

The Honor System at Armstrong State College provides all members of the student body with an opportunity to participate in self government. The accompanying responsibilities are outlined below.

The Honor System, written by a joint committee of faculty and students, received an overwhelming endorsement by both faculty and students during the Winter Quarter, 1965.

The ordinances of the Honor System are as follows:

- I. All students must agree to abide by the rules and regulations of the Honor System. A student shall not be accepted at Armstrong State College unless he signs the following statement at the time of his first registration:
"I have read the regulations governing the Honor System at Armstrong State College, and I understand that, as a student at Armstrong, I must comply with all of these requirements." This statement and all rules and regulations governing the Honor System shall be printed in the official Bulletin and the Student Handbook. The statement shall also be printed on the application form for admission to be signed by the student before admission to the College. It will be the responsibility of the Honor Council to conduct an extensive orientation program at the beginning of each quarter for all newly entering students to explain fully the requirements of the Honor System and to allow full discussion of these regulations.
- II. The following shall be considered violations of the Honor Code:
 - A. Academic dishonesty of any kind (giving or receiving any unauthorized help on any assignment, test or paper. At the beginning of each quarter it shall be the responsibility of each teacher to make clear what shall be considered unauthorized help in his course).
 - B. Stealing only when related to cheating.
 - C. Lying before the Honor Council.
 - D. Failure to report a known offense. (Lying or stealing in any other cases will be considered disciplinary, not Honor, matters.)
- III. Ways of reporting a violation of the Honor Code:
 - A. Self-reporting: A student who has broken the Honor Code should report himself to a member of the Honor Council.
 - B. Anyone (faculty member or student) who is aware of a violation of the Honor Code must report the matter. This may be done in one of two ways:

1. He may tell the person thought to be guilty to report himself to a member of the Honor Council no later than the end of the next school day. After this designated time the person who is aware of the violation must inform a member of the Honor Council so that the Honor Council may contact the accused person if he has not already reported himself.
2. He may report the suspected violation directly to a member of the Honor Council without informing the accused.

IV. The Honor Council will be composed of nine students.

- A. Selection shall be made by the President, Vice-President, and Secretary of the Student Body, the President and the Secretary of the Honor Council, together with three faculty members appointed by the President of the College. Selection shall be based on the following requirements:

1. High moral principles and unquestioned academic integrity in all their relations to fellow students, faculty, and administrative officials.
2. A minimum of C+ for the preceding quarter and an over-all average of C+.

Any student not in good standing with the college in academic or disciplinary matters is ineligible to serve on the Honor Council. Any member of the Honor Council who falls below these requirements will be ineligible to continue his term of service. A replacement will not be selected, however, unless the total number of students on the Honor Council falls below seven.

- B. The selection committee shall submit a questionnaire to those students who meet these requirements. On the basis of the questionnaires the committee has the power to appoint three seniors, three juniors, and three sophomores to serve on the Honor Council. At least three committee members shall be women and at least three shall be men. This distribution may be altered when deemed best by the selection committee. The appointments shall be made by the second Tuesday in March, and the Council shall assume its duties on April 1.
- C. The Honor Council shall elect one of its members to serve as President and one as Secretary. The President shall preside at all meetings and trials, and the Secretary shall maintain a written record of all proceedings.

- D. During summer school, any member of the Honor Council who is attending summer classes will serve on the Council for the summer together with other students appointed by the Council and the Dean of Student Affairs.

The Honor Council shall formulate its own bylaws and procedure.

- A. An Honor Council meeting shall be called by the President of the Council to examine a reported violation as soon as possible after such a report. When possible, the meeting of the Council will be held within a week of the violation.
- B. At the meeting, the Honor Council will hear the accusation, the testimony of any witnesses, and any defense the accused may wish to present.
- C. The accused will have the right to hear all witnesses and all evidence brought before the Honor Council.
- D. Written notification of the specific charges which, if approved, shall be made grounds for suspension or dismissal from a class.
- E. The accused will be considered innocent until proved guilty.
- F. Every trial shall be conducted by a Council of at least seven members, including the President. In the absence of the President, the senior justice shall preside.
- G. The Secretary will keep minutes of all meetings. All official testimony will be tape recorded, provided that the recording devices are under the control of the Council.
- H. A vote of two-thirds majority of the members of the Honor Council present and voting will be necessary for the conviction of the accused. The Council, in the event of a verdict of guilty, shall determine the penalty by majority vote.
- I. The vote will be taken by secret ballot.

Post-trial Procedure.

- A. Immediately upon conclusion of the trial, the accused shall be notified of the findings and of the recommendation that the Council will make to the President of the College.
- B. If the accused is found innocent, he shall be notified of the finding and cautioned that the trial may be re-opened for good cause by the Council within a period of three weeks or at the request of the professor in whose course the alleged violation occurred.

- C. If a person is found guilty, the Honor Council will recommend to the President of Armstrong State College one of the following:
1. Expulsion from the class and denial of credit in the course in which the violation occurred and denial of the position of any elective office.
 2. Suspension from school for any number of quarters (the minimum suspension will be for the remainder of the quarter in which the violation occurs.)
 3. Expulsion from school.

In cases where the accused is found guilty, the Honor Council will report in writing its recommendations to the President of the College who will make the final decision. After the President of the College has decided on the action to be taken, he will inform, in writing, the accused, the professor of the class in which the violation occurred, and the accuser of his decision. The secretary of the Honor Council will then post an official notice on the bulletin boards announcing his action without mentioning the name of the accused.

- VII. Although the College feels that the above three recommendations are appropriate for academic dishonesty, it also recognizes that unique circumstances may arise. For such cases, a series of appeals is open to the convicted student. He may appeal either the conviction or the punishment or both in the following ways:
- A. To the President of Armstrong State College in a letter.
 - B. The President's decision may be appealed to the Chancellor of the University System of Georgia in a letter.
 - C. The Chancellor's decision may be appealed to the Board of Regents of the University System of Georgia in a letter.
- VIII. Each student will be required to write on every written assignment, test, or paper a pledge that he has neither given nor received any unauthorized help on this work. This may be done by writing the word "Pledged" followed by the student's signature.
- IX. The Honor System is dependent upon student cooperation and support. It is felt that every student wishes the credit for his work to be unquestioned and the college he has chosen to be respected.
- X. A revision of the Honor System will require a majority vote of the faculty and of the student body.

ACADEMIC ADVISEMENT

Every student who enters Armstrong State College indicates at the time he applies for admission what major program he hopes to follow toward a degree, either at Armstrong or at another college.

If the student has not yet decided upon a choice for his major program, he may attend several advising sessions during the orientation period. In fact, it is not necessary for the student in many major programs for the Bachelor of Arts degree to make a choice until the end of his sophomore year. If a student waits one or two years to choose a major program leading to a Bachelor of Science degree, he will probably find that he must take additional courses to meet graduation requirements. For a student attempting to choose a major field during his first two years, the Office of the Dean of Student Affairs offers counselling and faculty members are happy to discuss aspects of their fields.

During Orientation Week and before registration, all new entering students, both freshmen and transfer students, will meet with the faculty advisor for the major program they have indicated. The advisor will guide them at this time in mapping out a schedule for the first two years. The student is then responsible for taking the courses required for his program, as outlined in the college Bulletin, in the proper sequence, during his freshman and sophomore years. If the student has questions concerning the courses required or the proper scheduling of them during these first two years, he should see the faculty advisor assigned by his major department to confer with students during the pre-advisement period scheduled in the college calendar. Since the student is responsible for fulfilling the requirements of his program, he does not need the written approval of a faculty advisor in order to register for courses each quarter.*

During the third quarter of his sophomore year, a student hoping to pursue a four-year major program should take to the faculty advisor assigned by his major department a list of the courses he has completed with grades. Having satisfactorily completed the requirements for the first two years of his major program, he will then be admitted formally to the third year of the major program and guided by the departmental adviser in mapping out his curriculum for the last two years. During the six quarters of his junior and senior years the student must have his course selection approved in writing by the departmental adviser each quarter before registration. The proper time for this is during the pre-advisement period listed in the college calendar. During these last two

*However, a student must be extremely careful to observe all regulations for admission to courses, such as the requirement of other prerequisite courses, sometimes with a specified grade. Credit for a course is invalid unless all its prerequisite requirements are observed.

years, the adviser will keep a record of the courses the student takes and the grades he makes, and during the fall quarter of the senior year, the adviser will signify to the Registrar that the student has completed all requirements for graduation in that major program up to that time, and is, therefore, recommended for graduation.

ACADEMIC ADVISEMENT FOR STUDENTS ON ACADEMIC PROBATION

A student admitted to the College on academic probation or placed on academic probation at the end of any quarter must confer with and must have his registration cards signed by the faculty adviser assigned by his major department. A student who has not selected a major will be advised by a special adviser appointed by the Dean of the College.

RELATING TO DEGREE REQUIREMENTS

1. Each student is responsible for fulfilling the requirements of the degree program which he has chosen, in accordance with the regulations of the college catalogue.
2. Exceptions to course requirements for a degree are permitted only with the written approval of the Dean of the College upon the recommendation of the department head.
3. A student will graduate under the catalogue in effect at the time of his admission to the college. However, after an absence from Armstrong State College of two or more consecutive years, a student must meet the requirements of the catalogue in effect at the time of his return.
4. Not more than one-fourth of the work counted toward a degree may consist of courses taken by correspondence or extension. No correspondence courses may be used to meet the requirements in the major field or related fields for the Bachelor's degree or for English composition or foreign language. No correspondence courses may be taken while a student is enrolled, without prior approval of the Dean of the College and the head of the department in which the student is majoring.
5. By state law, one of the requirements for a diploma or certificate from schools supported by the State of Georgia is a demonstration of proficiency in United States history and government and in Georgia history and government. A student at Armstrong State College may demonstrate such proficiency by passing.
 - 1) Political Science 113 and History 251 or History 252,
 - or 2) A two hour examination in United States and Georgia history and government.
6. To qualify for the baccalaureate degree, a student must earn at Armstrong the last 45 quarter hours of credit applicable toward the degree; and he must complete at Armstrong at least half of

the courses required in his major field of study. When circumstances warrant his doing so, the Dean of the College may permit a student to complete up to *ten* of the last 45 quarter hours of credit at another college. (A request for permission to complete more than ten of these last 45 hours elsewhere will be referred to the Committee on Academic Standing.)

7. For graduation the student must earn an over-all average of 2.0 or better considering work taken at all colleges, computed in such manner that a course will be counted only once, regardless of the number of times that it has been repeated. The grade earned in the last attempt will determine the number of honor points assigned for graduation.

Additionally, the student must earn a grade point average of 2.0 or better on each of the following:

- a. all work at Armstrong;
- b. all courses in the major field.

(For regulations on grade point average governing probation and dismissal, see page 60.)

8. To qualify for a second baccalaureate degree, a candidate must earn at Armstrong at least 45 additional hours of credit and, of course, meet all qualitative requirements for the degree.
9. Before a degree will be conferred upon a student by Armstrong State College he must pay all fees and must notify the Registrar in writing at least by the end of the preceding Fall Quarter of his intention to graduate. A candidate for a degree, unless excused in writing by the President, Dean of the College, or Dean of Student Affairs, must attend the graduation exercise at which a degree is to be conferred upon him.

COURSE AND STUDY LOAD

The normal course load for full-time students is 15 quarter hours (and a course in physical education during the freshman and sophomore years). An average student should devote at least thirty hours each week, in addition, to course preparation.

A full-time student is defined as one who is registered for 12 or more quarter hours. A part-time student is one registered for less than 12 quarter hours. (The Veterans Administration and Selective Service regulations often require that the student be enrolled for more than 12 quarter hours to be classified as a full-time student.)

The maximum course load for a student who works full-time is 11 quarter hours. A working student should plan about ten hours preparation for each 5 quarter hour course.

CLASSIFICATION OF STUDENTS

A student who has earned 45 quarter hours of credit will be classified as a sophomore; 90 quarter hours of credit, as a junior; 135 quarter hours of credit, as a senior.

PERMISSION FOR OVERLOAD OR COURSES AT ANOTHER COLLEGE

Permission to enroll for more than 17 quarter hours will be granted by the Registrar to a student

- a) with an average grade of "B" for the preceding quarter, or
- b) in an engineering program, or
- c) requiring an extra course in one of the two quarters prior to graduation.

No student will be allowed to register for more than 21 quarter hours in any one quarter.

A student who is on academic probation will not be permitted to register for more than 17 quarter hours in any one quarter.

Exceptions to these limitations may be made only by the Dean of the College.

A student enrolled in Armstrong who at the same time pursues for credit at another college may not transfer such credit to Armstrong, unless he has obtained in advance the written permission of the Dean of Armstrong State College to register for those courses.

REPORTS AND GRADES

The faculty feels that students in college should be held accountable for their scholarship. Accordingly, grade reports, warnings of deficient scholarship and all such notices are not sent to parents or guardians by the Registrar except on request. Instead, the student themselves receive these reports and are expected to contact their advisers whenever their work is unsatisfactory. Grade reports are issued at the end of each quarter. Reports of unsatisfactory grades are issued in the middle of each quarter. Each student has access to an adviser; in addition, the Registrar and all instructors are available to help any student seeking assistance.

Reports are based on the following system of grading.

GRADE	HONOR POINTS
A	4.0
B	3.0
C	2.0
D	1.0
F	0
I	Incomplete
W	Withdrew with no grade
WF	Withdrew failing
NC	No Credit

A student who receives an "I" (incomplete grade) should consult his instructor at once and arrange to complete the requirements of the course. An "I" grade which has not been removed by the middle of the succeeding quarter automatically becomes an "F".

HONORS

Dean's List: Students enrolled for at least ten quarter hours of course work who earn an honor point average of at least 3.3 will be placed on the Dean's List, which is published quarterly.

Cum Laude: Those students graduating with an honor point average of 3.2 through 3.499 will be graduated *cum laude*.

Magna Cum Laude: Those students graduating with an honor point average of 3.5 through 3.799 will be graduated *magna cum laude*.

Summa Cum Laude: Those students graduating with an honor point average of 3.8 through 4.0 will be graduated *summa cum laude*.

All work attempted at Armstrong and other accredited institutions will be considered in computing honors for graduation.

ATTENDANCE

The control of student attendance at class meetings and the effect of a student's attendance on his grades in a course are left entirely to the discretion of the instructor.

A student is responsible for knowing everything that is announced, discussed, or lectured upon in class as well as for mastering all assigned reading; he is also responsible for turning in on time all assignments and tests, including recitation and unannounced quizzes. The best way to meet these responsibilities is to attend classes regularly. An instructor may drop a student from any class with a grade of "F" if he thinks that excessive absence prevents that student from satisfactorily fulfilling his responsibilities. If such excessive absence is the result of prolonged illness, death in the family, college business, or religious holidays, the withdrawal grade will be either "W" or "F" depending on the student's status at the time he was dropped. Each instructor will be responsible for informing his classes on their meeting what constitutes excessive absence in the particular class. Each student is responsible for knowing the attendance regulation in his class and for complying with it.

PHYSICAL EDUCATION PROGRAM

All students who are enrolled for ten quarter hours or more on the day schedule are required to complete six physical education courses, one in each quarter of the freshman and sophomore years (111, 112, 113 in the freshman year).

Any student who holds a valid senior life saving certificate and/or a valid water safety instructor certificate and/or passes the Armstrong swimming test may be exempt from the required swimming course.

A student graduating with an Associate in Arts Degree in less than six quarters must take one course in each quarter of his freshman and sophomore years.

Students enrolled in the Associate in Arts Degree program in nursing are required to complete three physical education courses.

A student who has completed at least six months of military service is required to take only four courses of physical education, which he may choose from all scheduled offerings, during his freshman and sophomore years.

Physical education is not required of anyone who is beyond the age of 25 at the time of initial matriculation, or of anyone enrolled primarily in evening classes.

The department requires all students to make up excused absences; unexcused absences lower the final grade.

ACADEMIC PROBATION AND DISMISSAL

A student failing to maintain the grade-point average indicated for quarter hours attempted will be placed on academic probation:

Quarter Hours Attempted at Armstrong and Elsewhere	Required Cumulative GPA*
0-15	1.3
16-30	1.4
31-45	1.5
46-60	1.6
61-75	1.7
76-90	1.8
91-105	1.9
106-120	1.9
121-135 and over	2.0

A student on academic probation who raises his cumulative grade-point average during the probationary quarter to equal or exceed the appropriate figure in the foregoing table will be returned to good standing. One who fails to achieve the required cumulative average, but does earn an average of at least 2.0 for the quarter, will be continued on probation for the next quarter of attendance. (A grade of 'I' will be treated as 'F' until it is removed.)

The student on academic probation who does not achieve the required cumulative average or who does not earn an average of at least 2.0 for the quarter in which he is on probation will be dismissed from the college for one quarter. A third such academic dismissal will be final.

A student re-entering the college after academic dismissal is placed on probation and must meet the requirement listed above.

A student dismissed for academic reasons may appeal by letter to the President, who will refer the appeal to the Committee on Academic Standing. Such a letter of appeal should state the nature of any extenuating circumstances relating to the academic deficiency; the letter must be received by the President no later than 9 a.m. on registration day.

DROPPING COURSES

A student desiring to drop a course after the quarter has begun must obtain a Drop-Add Notice in the Office of Student Affairs. The notice must be signed by the instructor of the course being dropped and returned by the student to the Registrar's Office.

A student who drops a course not more than seven class days after the course begins will receive the grade of "W". A student who drops a course after the first seven class days and before the last eight class days, will receive a grade of "W" or "F", depending on his status in the course. A student may not voluntarily drop a course during the last eight class days of a quarter.

WITHDRAWING FROM COLLEGE

Any student who finds it necessary to withdraw from college must begin the process in the Office of Student Affairs. A formal withdrawal is required to insure that the student is eligible to return to Armstrong State College at a future date. Any refund to which a student is entitled will be considered from the date which appears on the withdrawal form.

AUDITING

A regular student wishing to "audit" a course without receiving credit must obtain the written permission of the instructor before he registers for the course. During the registration process the student should request a special "audit" course card. (Policy for some courses forbids "auditing.") An "auditor" cannot change to regular credit status after the first week of class. A student may not change from credit status to audit status after the first seven class meetings. A student who registers for a course as an "auditor" receives no credit, "N.C.", on his transcript. Regular schedules of fees apply to auditors.

SYSTEM-WIDE ACHIEVEMENT TESTING PROGRAM

University System policy requires that a 10% random sample of all first-time entering freshmen and a 10% random sample of all rising juniors must take the Survey of College Achievement tests. For the purpose of this program, students shall be classified as rising juniors during the quarter following the completion of 70 quarter credit hours of academic study exclusive of credit in physical education.



VII. Student Services, Activities

The Office of Student Affairs, administered by the Dean of Student Affairs, is responsible for all student services and activities. In addition to formal classroom instruction, the College recognizes the need for providing programs and services which contribute to a well-rounded college experience. Such programs are administered by the Office of Student Affairs through the following individuals: Registrar, Admissions Officer, Counselors, Director of Financial Aid, Director of Student Activities, and the Campus Nurse.

ACADEMIC ADVISEMENT

Before and during registration, members of the faculty are available to students for assistance in the selection of course work and in the scheduling of classes. Information concerning degree requirements and college regulations is provided and topics of general academic interest may be discussed.

By the end of the sophomore year, students are required to designate a major field and are assigned to a faculty adviser in that area. The faculty adviser then works closely with the student in planning a program leading to the successful completion of degree requirements.

COUNSELING SERVICES

The faculty and administration of Armstrong State College recognize that students are frequently confronted with difficult and important decisions. In some instances, students need the competent assistance of professional persons who have been trained to deal with the specific problems of college students.

In light of these needs, a counselor is located in the Office of Student Affairs to help students (1) clarify educational and vocational objectives, (2) develop effective study skills and habits, and (3) deal with problems of social and emotional significance. Services are available to all students at no charge.

ORIENTATION

Orientation for freshmen is scheduled prior to registration for the Fall Quarter. The program is designed to assist students in making the transition from high school to college and to acquaint them with school policies, traditions, and procedures. The Orientation Program includes an introduction to faculty and administration; a presentation of the purposes of Armstrong State College; indoctrination concerning the college's regulations and requirements; an introduction to student leaders and student activities; a survey of the facilities of the school; and an opportunity for the student to plan a program with counselors. Attendance is required.

PLACEMENT OFFICE

The Placement Office, located in the Office of Community Services, assists Armstrong State College graduates in securing business and professional positions. Any senior desiring assistance in securing employment should contact this office.

CONDUCT

Every student who enrolls in a course at Armstrong State College commits himself, by the act of enrolling, to full compliance with the rules and regulations of the Honor System and Code of Conduct. The Honor System is outlined under "Academic Regulations" in this Bulletin and the Code of Conduct appears at the end of this section.

Compliance with the regulations and policies of the faculty of Armstrong State College and the Regents of the University System of Georgia is assumed. To enroll is to agree to assume responsibility for obeying and to agree to use established channels to promote change. Not to do so is sufficient basis for the college to terminate the contract.

STUDENT ACTIVITIES AND ORGANIZATIONS

In addition to an outstanding academic program, Armstrong State College offers a complete program of extra-curricular student activities designed to contribute to the development of the student and to assist him in becoming an active and productive member of the community in which he lives.

Student organizations at Armstrong State College reflect the natural variety of interests found in a diversified student body. Individuals who seek a well-rounded education will avail themselves of the varied opportunities afforded through the college program of student activities.

A variety of clubs and organizations representing varied interests and activities are available to students at Armstrong State College. These include the following.

Service:

Circle K

Alpha Phi Omega

Religious:

Wesley Foundation

Baptist Student Union

Greeks:

Alpha Tau Beta Sorority

Delta Phi Upsilon Sorority

Phi Mu Sorority

Chi Phi Fraternity

Phi Delta Gamma Fraternity

Phi Kappa Theta Fraternity

Pi Kappa Phi Fraternity
Sigma Kappa Chi Fraternity

Professional:

Student Nurses Association of Georgia
Future Secretaries Association
Student National Education Association
Hie Psi
American Junior Dental Hygienists Association

Interest:

Glee Club
Pep Band
Chess Club
Cheerleaders
Literary Club
Masquers
Young Democrats
Pep Club

STUDENT GOVERNMENT

The Student Government Association is the official governing body of the students at Armstrong State College. It assists in formulating a program of student services and activities, and it strives to express the will of the majority of students and to provide experience in democratic living.

All students are automatically members of the Student government Association and are entitled to a vote in matters of concern to students. Qualified students may seek positions of leadership in the Student Government Association by running for office during the spring quarter.

STUDENT PUBLICATIONS

The two official student publications on campus are the *Inkwell*, (the college newspaper) and the *Geehee* (the college annual). Both publications are produced entirely by students under the supervision of qualified faculty members. Financed in part by the Student Activity Fund, these publications provide opportunities for students in creative writing, reporting, and design.

HEALTH

Armstrong State College maintains a campus infirmary where a registered nurse is on duty from 8:15 a.m. until 5 p.m. Students who become ill or who are involved in accidents while on campus should not hesitate to avail themselves of this service.

The college also makes available, on a voluntary basic, a student health and accident insurance policy. The cost of the policy is \$12 for a full year. Information regarding the program may be secured in the Office of Student Affairs.

ALUMNI OFFICE

The primary purposes of the Alumni Office are to keep former students informed about the college and to help them keep in touch with each other. Any person who at any time was matriculated as a regular student is eligible for membership in the Alumni Association and, upon payment of his dues, will receive the quarterly newsletter, "The Geechee Gazette," and may vote and hold office in the Association. The Alumni Office assists in arranging class reunions, board meetings, and other functions. For further information contact the Director of Public Information.

HOUSING

Private apartments for male, female, and married students are available within walking distance of Armstrong State College. During the 1970-71 session, Candler General Hospital will make its dormitory which formerly housed student nurses available to any single female Armstrong students who are interested in dormitory accommodations. For further information regarding housing, please contact the Office of Student Affairs.

ATHLETICS

Armstrong State College participates in inter-collegiate athletic competition in basketball, baseball, and golf. Additional athletic opportunities are provided through the Intramural Program in the areas of basketball, softball, swimming, and volleyball.

CULTURAL OPPORTUNITIES

Armstrong State College provides a variety of cultural opportunities for its students. Lectures by eminent scholars in the various academic fields and musical concerts by outstanding artists are an integral part of the program in general education. Student dramatic productions under professional direction and the student choral society have created distinguished traditions for these groups.

Student Code of Conduct

I. THE CODE OF STUDENT CONDUCT

A. General Policies

1. The College is dedicated not only to learning and the advancement of knowledge, but also to the development of ethically sensitive and responsible persons. It seeks to achieve these goals through a sound educational program and policies governing student conduct that encourage independence and maturity.

2. The College distinguishes its responsibility for student conduct from the control functions of the community. When a student has been apprehended for the violation of a law of the community, the state, or the nation, the College will not request or agree to special consideration for the student because of his status as a student. The College will cooperate, however, with law enforcement agencies and with other agencies in any program for the rehabilitation of the student.

3. The College may apply sanctions or take other appropriate action only when student conduct directly and significantly interferes with the College's (a) primary educational responsibility or ensuring the opportunity of all members of the College community to attain their educational objectives, or (b) subsidiary responsibilities of protecting property, keeping records, providing services, and sponsoring non-classroom activities such as lectures, concerts, athletic events, and social functions.

4. Students are subject to the separate provisions of the Armstrong State College Honor Code, violations of which are not set forth in Section C below. The first hearing on violations of the Honor Code shall be before the Honor Council in accordance with the provisions of the Honor Code.

5. Procedural fairness is basic to the proper enforcement of all College rules. In particular, no disciplinary sanction as serious as expulsion, suspension, disciplinary probation, or entry of an adverse notation on any permanent record available to persons outside the College shall be imposed unless the student has been notified in writing of the charges against him and has had an opportunity (a) to appear alone or with any other persons to advise and assist him before an appropriate committee, court, or official, (b) to know the nature and source of the evidence against him and to present evidence in his own behalf, and (c) to have his case reviewed in accordance with Part II, Paragraph C below.

6. Students shall have an opportunity to participate in the formation of all policies and rules pertaining to student conduct and in the enforcement of all such rules.

7. No disciplinary action shall be imposed on a student by or in the name of the College except in accordance with this Code or the Honor Code, whichever shall apply.

B. Sanctions

1. Sanctions which may be imposed for the commission of college offenses shall include the following:

- (a) Expulsion from the College. Expulsion means permanent separation from the College.
- (b) Suspension from the College for a definite or indefinite period of time. Suspension means involuntary disenrollment and/or withdrawal of the privilege of enrollment.
- (c) Disciplinary probation with or without loss of designated privileges for a definite period of time. The violation of the terms of the disciplinary probation or the infraction of any college rule during the period of disciplinary probation may be grounds for suspension or expulsion from the College. The parents of any student under 21 years of age who is placed on disciplinary probation, suspended, or expelled shall be notified.
- (d) Social probation with loss of such specified privileges as may be consistent with the offense committed. The loss of privileges shall be for a definite period of time.
- (e) Reprimand. A written rebuke, of which a record will be retained in the student's file so long as he remains at Armstrong, but which will not be forwarded to any other college or employer.
- (f) Admonition and warning.

2. The sanctions of expulsion or suspension ordinarily shall be imposed only upon the recommendation of the Student Court. In extraordinary circumstances, where gross violations of conduct rules are disrupting the proper function of the College, students may be summarily suspended by the Dean of Student Affairs. Appeal from such suspension may be made in accordance with Part II, Paragraph C, Appeal Procedures, below.

C. Violations

1. Expulsion or suspension from the College or any lesser sanction may result from the commission of any of the following offenses:

- (a) Conduct which is in violation of federal, state or local laws which was committed on campus, or which involves college property or which is against members of the College community acting in their official capacity.
- (b) Violations of published Policies of the Board of Regents of

the University System of Georgia, a copy of which shall be on reserve in the library.

- (c) Participation in any hazing - like act, physical or mental, perpetrated for the purpose of submitting a student to physical pain, discomfort, indignity, or humiliation at any time or any place.
 - (d) Forgery, alteration, destruction, or misuse of college documents, records, or identification cards, or furnishing false information to the College with intent to deceive, or possession or use of fire arms.
 - (e) Reproducing or unauthorized possession of keys to any college facility or entering any college facility without proper authority.
 - (f) Malicious destruction, damage, or misuse of college property, including library materials, or of private property on the campus.
 - (g) Direct disobedience of orders given by a college official who has identified himself and is acting within his authority. This would include failure to present, within a reasonable amount of time, the College identification card.
 - (h) Two or more (or repetition of) offenses listed in paragraph below.
2. Disciplinary probation or any lesser sanction may result from the commission of any of the following offenses:
- (a) Failure to comply with Georgia law concerning the use, possession, or consumption of alcoholic beverages. This would include all on-campus activities and those off-campus activities paid for out of Student Activity Funds.
 - (b) Disorderly conduct on campus or at off-campus affairs financed by Student Activity Funds.
 - (c) Violation of any college rule, subsequently promulgated by the College for the infraction of which sanctions may be imposed under this Code. All such rules shall be in writing and shall be published and posted on the official College Bulletin Board in such manner as to furnish adequate notice of their contents to students affected by such rules. The College's failure to comply with this requirement shall be a complete defense of any charge of violation of a rule of which the student has no actual knowledge. A student's failure to familiarize himself with published rules shall not be an adequate defense.

D. Group Offenses

1. Living organizations, societies, clubs, and similar organized groups are responsible for compliance with college regulations. Upon satisfactory

proof that the group has encouraged, or did not take reasonable steps as a group to prevent violations of college regulations, the group may be subjected to permanent or temporary suspension of charter, social probation, denial of use of college facilities, or other like sanctions.

2. The determination that a group is liable to sanction under the foregoing Section 1, and of the sanction to be imposed, shall be made by the Student Activities Committee at a hearing held for that purpose. The president or principal officer of the group must be given reasonable notice of the time and place of said hearing and of the nature of the charges. He or any other member of the group is entitled to attend and be heard at the hearing.

3. Nothing herein authorizes the imposition of individual sanctions on any person other than in accordance with the Code of Student Conduct.

E. The Student Conduct Committee

1. The Student Conduct Committee shall be responsible to the faculty and the President of the College for recommending policies relating to student conduct, for formulating or approving rules and enforcement procedures within the framework of existing policies, and for recommending to the President of the College changes in the administration of any aspect of the student - conduct program.

2. The Committee shall consist of four teaching faculty members, the Dean of Student Affairs, and four student members, one representing each class. The faculty members shall be appointed by the faculty in accordance with the faculty by-laws. The student members shall be appointed by the Student Senate. Each member shall serve for a period of one year. Members of the Committee may be reappointed and replacement members may be appointed at such time as is necessary to assure full membership of the committee. The President of the College may appoint temporary members of the Committee to serve during the summer term. A chairman, a vice-chairman, and a secretary shall be elected at the first meeting of the committee.

3. The Dean of Student Affairs shall assist the Committee in the development of policy and in the discharge of its responsibilities. He shall coordinate the activities of all officials, committees, student groups, and tribunals responsible for student conduct.

4. All regulations or rules relating to student conduct that are proposed by any college official, committee or student group, and for which sanctions may be imposed in the name of the College, must be submitted to the Committee for consideration and review prior to submission to the faculty.

F. The Student Court

1. The Student Court shall be composed of eight students, two representing each class. Four of the members shall be the Vice-Presidents of the respective classes. The remaining four members shall be appointed by the Student Senate. Any student not in good standing with the College in academic or disciplinary matters shall be ineligible to serve on the Student Court. The Court shall elect a chairman, a vice-chairman, and a recorder from its membership. A faculty adviser shall be appointed by the faculty from among three nominations made by the Student Court.

2. A quorum of the Court shall consist of five members. A decision that a student has committed an offense requires an affirmative vote of three-fifths of the members of the Court deciding the case. Sanctions of suspension or expulsion may likewise be imposed only by three-fifths of such members. Sanctions of lesser severity than suspension or expulsion shall be made by majority vote.

3. A written copy of the Court's decision shall be given to the student concerned. The decision shall advise the student of his rights to appeal.

4. The Court may impose any authorized sanction which is warranted by the circumstances of the case.

5. If overt intimidation of the Student Court is established, the President of the College will refer the case involved to the Student Conduct Committee for action.

Amendments to the above Code may be proposed by the Student Senate, and the Student Senate shall be given an opportunity to review all amendments proposed by the faculty. Amendments will be effective when approved by a three-fifths vote of the faculty and of the student body.

H. Board of Regents' Policy as Final Authority

None of the regulations and procedures herein contained shall be in conflict with policies of the Board of Regents of the Georgia University System. Policies of the Board of Regents shall be governing in all student conduct matters.

II. THE ADMINISTRATION OF THE CODE

A. General Procedures

1. All violations of the Code will be immediately reported to the Dean of Student Affairs by any person who has knowledge of the commission of any such violation.

2. The Dean of Student Affairs shall insure that the best interests of any offending student are served, regardless of whether disciplinary action is taken, by making sure that the student is advised of his rights.

3. Where sufficient evidence exists that a violation of law has occurred, the Dean of Student Affairs shall refer the case and transmit the evidence to the appropriate enforcement agency.

4. Where the evidence establishes to his satisfaction that a college offense has occurred, the Dean of Student Affairs shall advise the student of the charges against him and ask the student if he prefers to have the offense handled administratively or to have the case referred to the Student Court for hearing. If the student prefers that the case not be referred to the Student Court, he will be required to sign a waiver of his right to a hearing before the Student Court.

B. The Student Court

1. Any student whose case is referred to the Student Court shall be notified of such referral in writing by the Dean of Student Affairs at last three days before the hearing and shall be apprised in the notice of the charges against him. During the hearing the student shall have the opportunity (a) to appear in person and/or with counsel, (b) to know the evidence against him, and (c) to call witnesses and to present evidence and argument in his behalf. In the resolution of factual disputes, the court will request the testimony of witnesses and otherwise seek the best evidence obtainable.

2. The Court shall be convened by its presiding officer to consider the evidence of a reported violation as soon as reasonably possible after the accused has had the required three days notice.

3. A record shall be made of each witness's testimony.

4. Immediately upon conclusion of a hearing, the student concerned shall be notified of the findings and recommendation that the court will make to the President of the College and of his right to appeal.

C. APPEAL PROCEDURES

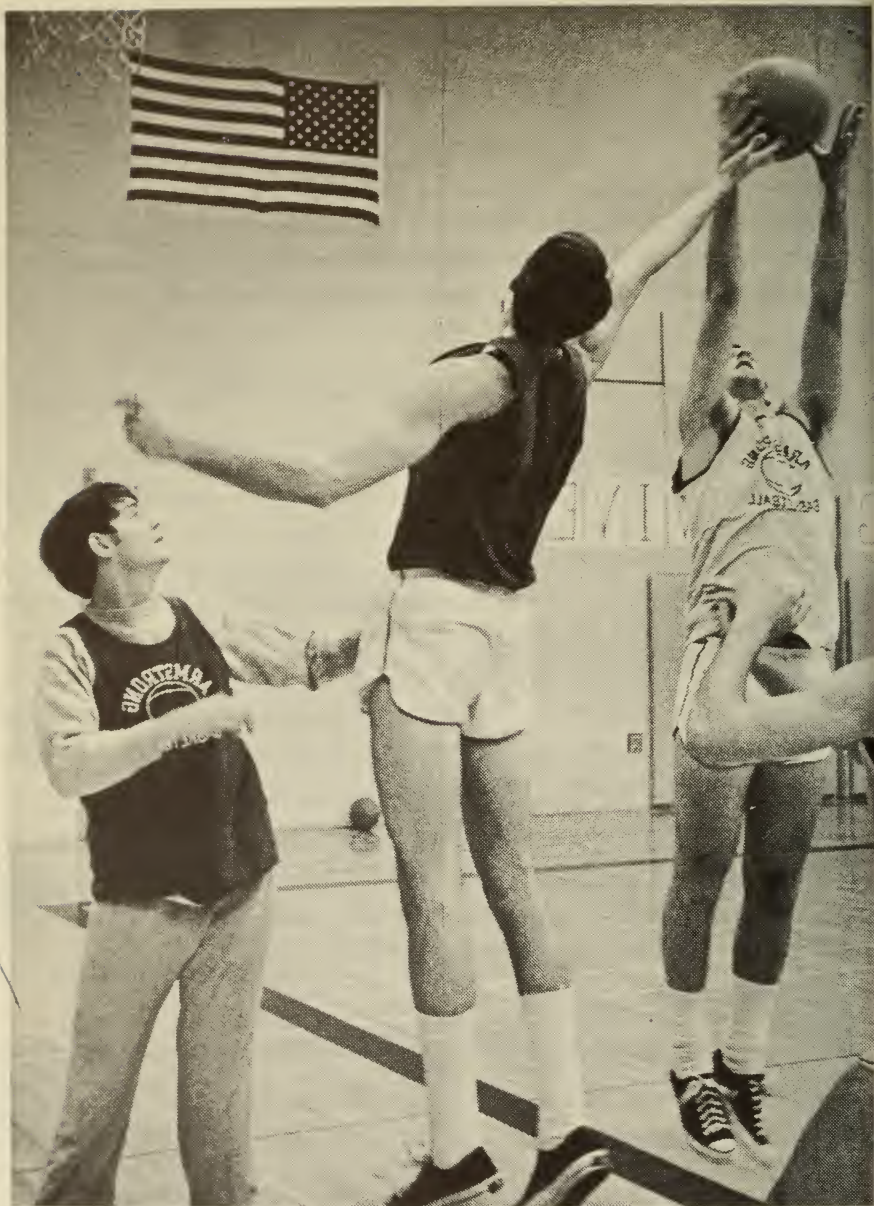
1. The student shall have the right to appeal from any sanction.

2. The Student Court when initially recommending a sanction shall advise the student, in writing, of his right to appeal to the President of the College. The student shall have five days from the receipt of such advice to render his appeal to the President, who shall refer it to a committee in accordance with Board of Regents' Policy.

3. Appeal from decisions of the President of the College may be made to the Board of Regents of the University System under the Board of Regents' stated policy.

III. RULES AND REGULATIONS

(to be added as promulgated)



VIII. DEGREE PROGRAMS

All baccalaureate degrees awarded by Armstrong State College require as a core curriculum the following minimum number of quarter hours in the major areas of study:

<i>Areas of Study</i>	<i>Minimum Quarter Hours Required</i>
I. Humanities, including, but not limited to grammar and composition and literature	20
II. Mathematics and the natural sciences, including but not limited to, mathematics and a 10-hour sequence of laboratory courses in the biological or physical sciences	20
III. Social sciences, including, but not limited to, history and American government	20
IV. Physical Education	6
Total	66

1. BACHELOR OF ARTS AND BACHELOR OF SCIENCE

For graduation with the degree of Bachelor of Arts with a major in English, French, history, or music, or Bachelor of Science with a major in biology, chemistry, or mathematics, the following requirements must be completed in accordance with the regulations stated in this bulletin. Requirements for each major program are described in the appropriate departmental listing.

Requirements for the degrees of Bachelor of Arts and Bachelor of Science.

1. General Requirements in the Liberal Arts and Sciences (Core Curriculum)

	Qtr. Hrs.
1. English 121, 122, 221, 222	20
2. One Foreign Language 101, 102, 103	15
3. Music, Art, or Philosophy 201	5
4. History of Civilization 114, 115	10
5. History of the United States <u>251 or 252</u>	5*
Political Science 113	5*
6. One of the following courses:	5

*If one of these history courses and this political science course are exempted by examination in order to meet the state requirement for graduation (see page 56), the ten quarter hours shall be allotted to electives.

Economics 201

Psychology 101

Sociology 201

7. Mathematics: an approved sequence 10

8. One of the following sequences of two courses 10

Biology 101, 102

Chemistry 121, 122

Chemistry 128, 129

Physics 211, 212

Physics 217, 218

85

II. Courses in the Major Field ⁽¹⁾ 40-70

(No student will be allowed to take senior division courses in his major field unless he has a minimum of C in all prerequisite courses in that field.)

III. Courses in Related Fields ⁽²⁾ 15-30

IV. Physical Education 111, 112, 113 and three 200

courses 6

V. Free Electives ⁽³⁾ 15 (or
more to complete a minimum of
185 quarter hours, exclusive of
physical education)

11. TEACHER EDUCATION

The standard credential for teaching in the public schools of Georgia is the Teacher's Professional Four-Year Certificate (T-4). To qualify for this certificate, one must have completed an approved program designed for a specific teaching field and be recommended by the college in which the program was completed. Armstrong State College offers the following approved teacher education programs: (See pages 77-86.)

(1) For its major program a department may not require more than 60 quarter hours at all levels in the major field, but it may recommend up to 70 quarter hours.

(2) For its major program a department will require from 15 to 30 quarter hours of specific courses or approved elective courses in related fields, and language courses reaching the degree of proficiency specified by the department. (If a course is counted as fulfilling the General Requirements, it will not also fulfill the requirement for "III. Courses in Related Fields.") Total requirements for II and III may not exceed 85 quarter hours.

(3) For the B.A. and B.S. degrees a minimum of 185 quarter hours, exclusive of physical education, is required for graduation.

CERTIFICATION PROGRAMS

Elementary Education (Grades 1-8)

Speech Correction

Secondary Programs (Grades 7-12)

Business Education

English

Mathematics

Science (Biology)

Science (Chemistry)

Social Studies (History)

Social Studies (Political Science)

All students completing teacher education programs are required to take both the Common Examinations and the appropriate Teaching Area Examination of the National Teacher Examinations. Students must submit the scores from these examinations or evidence that the examinations have been completed to the Department of Education before they can be recommended for a teaching certificate. Additional information about the National Teacher Examinations can be secured from the Office of the Dean of Student Affairs.

Teacher Library Service Endorsement

This program may constitute an area of concentration for elementary teachers and an endorsement on the certification of secondary teachers. The program is also intended to create interest in librarianship. The courses are as follows:

Library Science 310, 320, 410, 420 20 Q.H.

ACADEMIC ADVISEMENT

A student who desires to become an elementary or secondary school teacher should apply during the first quarter of residence to the Department of Education for academic advisement. He should follow without deviation the approved program designed for his preparation and for meeting the requirements for the certificate to teach. Upon admission to teacher education, students will be assigned advisors as follows:

- (1) Elementary education majors are assigned an advisor in the Department of Education who will assist the student in planning the total program of studies.
- (2) Students pursuing secondary teaching programs will be assigned an advisor in the Department of Education to assist them concerning the professional sequence courses and certification requirements. In addition, students will have an advisor in the teaching field major to approve the courses of the teaching field. Assignment of the teaching field advisor will be made by the head of the academic department offering the major. Each

student must have his secondary teaching program approved in advance by both advisors. Special forms for this purpose are to be filed with each advisor and a copy given to the student.

ADMISSION TO TEACHER EDUCATION

All students pursuing a degree program leading toward certification by the Georgia State Department of Education as a teacher must apply for admission to teacher education at Armstrong State College. This application will normally take place during the third quarter of the sophomore year or, for transfer students, in the first quarter of the junior year. Application forms may be secured from the office of the Head of the Department of Education. The following criteria are used in admitting applicants to teacher education:

- (1) Completion of at least 75 quarter hours of college credit with a "C" average and completion of Education 203 with a "C" or better.
- (2) Competence in oral and written expression.
- (3) Satisfactory physical and emotional health.
- (4) Indication of desirable attitude, character, and teaching potential.

SEPTEMBER PRACTICUM

The purposes of the September Practicum are to provide an opportunity for future teachers (1) to learn what teachers do at the beginning of a new school term, (2) to participate in experiences that will assist the prospective teacher with future decisions concerning teaching as a career, and (3) to become acquainted with the organization and curriculum of a particular school.

The September Practicum occurs during the first two weeks of the public school term (usually in late August and early September) and should be scheduled during the student's junior or senior year. No credit is given for the September Practicum, but it is a *requirement* in all of the teaching fields in the Armstrong State College Teacher Education Program.

Application for the September Practicum should be made during the first week of the Spring Quarter for a September Practicum in the forthcoming September. The student should contact the Director of Professional Laboratory Experiences in the Department of Education.

STUDENT TEACHING

Student Teaching, the culminating activity of the professional sequence, is provided in selected off-campus public school centers. The full quarter of student teaching is arranged cooperatively by the college,

the participating schools, and supervising teachers. Completed applications for admission to student teaching must be submitted to the Director of Professional Laboratory Experiences during the first week of the quarter preceding student teaching. While student teaching, the student is required to adhere to established policies and procedures of the cooperating school system in addition to those policies and procedures established by the college and the Department of Education.

A student is admitted to student teaching at the time assignment is made. While student preferences and other personal circumstances are considered, the Department of Education reserves the right to exercise its discretion in placement. The student will receive a letter of assignment. Orientation to student teaching will be held during the first several days of the quarter in which student teaching is scheduled. The following requirements must be met before a student can enroll in student teaching:

- (1) Be admitted to the Teacher Education Program.
- (2) Have at least senior status.
- (3) Have completed the required professional sequence courses with a grade of "C" or higher. Elementary majors must make a grade of "C" or higher on all specialized content courses.
- (4) Have a "C" average at Armstrong State College on all courses attempted, and a "C" or higher on all courses acceptable toward the teaching field or concentration.
- (5) Have satisfactorily completed the related professional laboratory experiences including the "September Practicum."
- (6) Be recommended by two (2) academic professors and two (2) members of the Department of Education.
- (7) Be approved by the Head of the Department of Education.
- (8) Have successfully completed at least four of the specialized content courses, including Education 425, the Teaching of Reading.

A student will not be permitted to take additional courses during student teaching or to hold any form of employment. Student teachers are not permitted to teach in a school in which their children are enrolled.

Bachelor of Science in Education Speech Correction

I. General Requirements: 91 Quarter Hours

1. Humanities: 30 quarter hours

Art 200, Music 200, or Philosophy 201 5

English 121, 122, 221, 222	20
Speech 228	5
2. Social Sciences: 30 quarter hours	
History 114, 115, 251*, 252*	20
Political Science 113*	5
Psychology 101	5
3. Science: 25 quarter hours	
Biology 101, 102	10
Chemistry 121, 122 or Physics 211, 212	10
Mathematics 105	5
4. Physical Education: 6 quarter hours	
Physical Education 111, 112, 113, 204	4
Two 200 courses	2

II. Speech Correction Teaching Field: 50 Quarter Hours

1. Normal Speech Development: 25 quarter hours	
Special Education 315	5
Special Education 320	5
Special Education 325	5
Special Education 330	5
Special Education 335	5
2. Speech Deviations and Language Problems: 25 quarter hours	
Special Education 310	5
Special Education 410	5
Special Education 415	5
Special Education 420	5
Special Education 445	5

III. Related Course: 5 quarter hours

Psychology 312	5
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IV. Professional Sequence Courses: 45 quarter hours

Psychology 301	5
Education 203, 301, 425, 437, 446, 447, 448	35
Special Education 305	5

Total 191

*If one of these history courses and this political science course are exempted by examination in order to meet the state requirement for graduation (see page 56), the ten quarter hours shall be allotted to electives.

Bachelor of Science in Elementary Education

I. General Requirements: 96 Quarter Hours

1. Humanities: 30 quarter hours

Art 200, Music 200, or Philosophy 201 5

English 121, 122, 221, 222 20

Speech 228 5

2. Social Sciences: 35 quarter hours

Geography 111 5

History 114, 115, 251*, 252* 20

Political Science 113* 5

Psychology 101 5

3. Science: 25 quarter hours

Biology 101, 102 10

Chemistry 121, 122 or Physics 211, 212 10

Mathematics 105 5

4. Physical Education: 6 quarter hours

Physical Education 111, 112, 113, 204 4

Two 200 courses 2

II. Electives: 25 quarter hours

1. Approved electives to establish added proficiency in one area

to be known as concentration chosen to correspond to the elementary curriculum: art, English, mathematics, modern foreign languages, music, sciences, social sciences, or Teacher Library Service 20

2. Approved elective in related field 5

III. Specialized Content Courses: 30 quarter hours

Art 320 5

Education 425 5

English 331 5

Mathematics 350 5

Music 320 5

Physical Education 320 5

IV. Professional Sequence Courses: 40 quarter hours

Psychology 301 5

Education 203, 301, 435, 436, 446, 447, 448 35

Total 191

PROGRAM FOR SECONDARY SCHOOL TEACHERS OF BUSINESS EDUCATION

I. General Requirements in the Liberal Arts and Sciences

	Qtr. Hrs.
1. English 121, 122, 221, 222	20
2. Speech 228	5
3. History of Western Civilization 114, 115	10
4. Principles of Economics (Ec. 201, 202)	10
5. American Government (Pol. Sc. 113) *	5
6. Mathematics 100, 135, 211	15
7. One of the following requirements of two courses:	10
Biology 101, 102	
Chemistry 121, 122	
Chemistry 128, 129	
Physics 211, 212	
Physics 217, 218	
8. Psychology 101 plus four of the following courses	25
Economics 326	
History 251* or 252*	
Psychology 305	
Sociology 201	
Music 200, Art 200, or Philosophy 201	

II. Courses in Business Education 23-28

104 Beginning Typing (Often Exempted)	2
105 Intermediate Typing	2
106 Advanced Typing	2
111 Shorthand, Beginning (Often Exempted)	3
112 Shorthand, Beginning	3
113 Shorthand, Intermediate	3
212 Office Machines	3
213 Office Procedures	5
315 Business Communications	5

*If one of these history courses and this political science course are exempted by examination in order to meet the state requirement for graduation (see page 56), the ten quarter hours shall be allotted to electives.

II. Courses in Business Administration	25
B.A. 211, 212	10
Select three of the following courses	15
1. B.A. 307, Business Law I	
2. B.A. 340, Principles of Marketing	
3. B.A. 375, Personnel Administration	
4. B.A. 360 Principles of Management	
5. Ec. 327, Money and Banking	
6. Ec. 331, Labor and Industrial Relations	
7. Ec. 335, Public Finance	

V. Physical Education 111, 112, 113, 204, and two 200 courses	6
V. Professional Sequence	35
Education 203 - Orientation to Teaching	5
Psychology 301 - Educational Psychology	5
Education 437, 438 - Secondary School Curriculum and Secondary School Methods, Business Education	10
Education 446, 447, 448 - Student Teaching	15

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PROGRAM FOR SECONDARY SCHOOL TEACHERS OF ENGLISH

I. General Requirements in the Liberal Arts and Sciences

	Qtr.	Hrs.
1. English 121, 122, 221, 222		20
2. One Foreign Language		20
3. Art 200 or Music 200		5
4. History of Western Civilization 114, 115		10
5. History of the United States 251* or 252*		5
6. Psychology 101 and Political Science 113*		10
7. Freshman Mathematics		10
8. One of the following requirements of two courses:		10
Biology 101, 102		
Chemistry 121, 122		
Chemistry 128, 129		
Physics 211, 212		
Physics 217, 218		

II. Courses in Major Field

Students must complete the requirements for a major in English including English 325. Five hours of the Related Fields must be Speech 228 or Speech 341.

If one of these history courses and this political science course are exempted by examination in order to meet the state requirement for graduation (see page 56), the ten quarter hours shall be allotted to electives.

III. Related Fields (Select four courses)	20
Education 425 ^x	
Fine Arts ^x	
(200 and above)	
Foreign Language	
(200 and above)	
History 251, or 252	
History 341	
History 348	
History 350	
History 354	
Philosophy 201 ⁺	
Speech 228 ⁺	
Speech 341	
Speech 345	
IV. Physical Education 111, 112, 113, 204, and two 200 courses	6
V. Professional Sequence	30
Education 203 - Orientation to Teaching	5
Psychology 301 - Educational Psychology	5
Education 439 - Secondary School Curriculum and Methods,	
English	5
Education 446, 447, 448 - Student Teaching	15

Total 191

PROGRAM FOR SECONDARY SCHOOL TEACHERS OF MATHEMATICS

I. General Requirements in the Liberal Arts and Sciences

	Qtr. Hrs.
1. English 121, 122, 221, 222	20
2. One Foreign Language	15
3. Art 200, Music 200, or Philosophy 201	5
4. History of Western Civilization 114, 115	10
5. History of the United States 251* or 252*	5
6. Psychology 101 and one of the following:	
Biology 101, 102	
Economics 201	
Political Science 113*	
Sociology 201	
7. Freshman Mathematics (unless waived)	5-10
8. One of the following requirements of two courses:	10
Biology 101, 102	
Chemistry 121, 122	

*If one of these history courses and this political science course are exempted by examination in order to meet the state requirement for graduation (see page 56) the ten quarter hours shall be allotted to electives.

Chemistry 128, 129

Physics 211, 212

Physics 217, 218

II. Additional Courses in Major Field (Mathematics)	50
Students must complete the 50-quarter-hour requirements for a major in mathematics. These must include Mathematics 104, 201, 202, 203, 305, 311-312, and (309-332) or (401-402).	
III. Related Fields (beyond the core curriculum requirements)	15
IV. Physical Education 111, 112, 113, 204, and two 200 courses	6
V. Professional Sequence	30
Education 203 - Orientation to Teaching	5
Psychology 301 - Educational Psychology	5
Education 437 - Secondary School Curriculum and Methods, General	5
Education 446, 447, 448 - Student Teaching	15
Total	191

PROGRAM FOR SECONDARY TEACHERS OF SCIENCE WITH MAJOR IN BIOLOGY

I. General Requirements in the Liberal Arts and Sciences

	Qtr.	Hrs.
1. English 121, 122, 221, 222	20	
2. One Foreign Language	15	
3. Art 200, Music 200, or Philosophy 201	5	
4. History of Western Civilization 114, 115	10	
5. History of the United States 251* or 252*	5	
6. Psychology 101 and one of the following courses:	10	
Economics 201		
Political Science 113*		
Sociology 201		
7. Freshman Mathematics (100-135) or (101-102)	10	
8. The following courses:	15	
Biology 101, 102		
Botany 203 or Zoology 204		

II. Courses in Biology (Junior-Senior level)	40
Students must complete the requirements for a major in Biology including Biology 370, 380; Botany 380 or Zoology 390	
III. Courses in other Sciences	35
Chemistry 128, 129, 341, 342, 343	
Physics 211, 212	

*If one of these history courses and this political science course are exempted by examination in order to meet the state requirement for graduation (see page 56), the ten quarter hours shall be allotted to electives.

IV. Physical Education 111, 112, 113, 204, two 200 courses	6
V. Professional Sequence	30
Education 203 - Orientation to Teaching	5
Psychology 301 - Educational Psychology	5
Education 437 - Secondary School Curriculum and Methods, General	5
Education 446, 447, 448 - Student Teaching	15
Total	201

PROGRAM FOR SECONDARY SCHOOL TEACHERS OF SCIENCE WITH MAJOR IN CHEMISTRY

I. General Requirements in the Liberal Arts and Sciences	Qtr. Hrs.
1. English 121, 122, 221, 222	20
2. One Foreign Language	15
3. Art 200, Music 200, or Philosophy 201	5
4. History of Western Civilization 114, 115	10
5. History of the United States 251* or 252*	5
6. Psychology 101 and one of the following courses	10
Economics 201	
Political Science 113*	
Sociology 201	
7. Freshman Mathematics and Math 104	15
8. Chemistry 128-129	10
II. Courses in Chemistry	50
Chemistry 281, 282	10
Chemistry 341, 342, 343	15
Chemistry 491, 492, 493	12
Chemistry 480	5
Electives in Chemistry	8
III. Courses in Other Sciences	25
Physics	15
Biology 101, 102	10
IV. Physical Education 111, 112, 113, 204, and two 200 courses	6
V. Professional Sequence	30
Education 203 - Orientation to Teaching	5
Psychology 301 - Educational Psychology	5
Education 437 - Secondary School Curriculum and Methods, General	5
Education 446, 447, 448 - Student Teaching	15
Total	201

*If one of these history courses and this political science course are exempted by examination in order to meet the state requirement for graduation (see page 56), the ten quarter hours shall be allotted to electives.

PROGRAM FOR SECONDARY SCHOOL TEACHERS OF SOCIAL SCIENCE (History or Political Science)

I. General Requirements in the Liberal Arts and Sciences

	Qtr.	Hrs.
1. English 121, 122, 221, 222		20
2. One Foreign Language		15
3. Music 200, Art 200, or Philosophy 201		5
4. History of Western Civilization 114, 115		10
5. History of the U.S., 251* or 252*		5
6. Political Science 113*, Psychology 101		10
7. Freshman Mathematics		10
8. One of the following sequences of two courses		10
Biology 101, 102		
Chemistry 128, 129		
Chemistry 121, 122		
Physics 211, 212		
Physics 217, 218		

II. Courses in Major: History or Political Science

1. A student majoring in history must take 5 qtr. hrs. of historiography (History 300), 15 qtr. hrs. of American history including 251 or 252, 10 qtr. hrs. of European history, and 10 qtr. hrs. of Far Eastern history. Supporting work must include at least three of the following fields: political science, economics, sociology, geography, and anthropology.
2. A student majoring in political science must complete the requirements for a major in political science and must include in his program courses in American constitutional development, comparative government, political theory, and international relations. Supporting work must include History 251 or 252 and at least one other advanced history course and at least two of the following fields: economics, sociology, geography, and anthropology.

III. Courses in other social sciences

Excluding his major field (history or political science), the student will select 30 qtr. hrs. of work in three of the following groups of social science courses:

1. History 251 or 252 and one other advanced course
2. Pol. Sci. 200 and one of the following:
 307, 308, 319, and 332
3. Economics 201 and one of the following:
 326, 331, or 345

*If one of these history courses and this political science course are exempted by examination in order to meet the state requirement for graduation (see page 56), the ten quarter hours shall be allotted to electives.

4. Sociology 201 and 350	10
5. Geography and/or Anthropology	10
IV. Physical Education 111, 112, 113, 204, and two other courses	6
V. Professional Sequence	30
Education 203, Orientation to Teaching	5
Psychology 301, Educational Psychology	5
Education 440, Secondary School Curriculum and Methods,	
Social Science	5
Education 446, 447, 448, Student Teaching	15
Total	191

III. BACHELOR OF BUSINESS ADMINISTRATION

For graduation with the degree of Bachelor of Business Administration with a major in accounting, economics or management-marketing, the following requirements must be completed in accordance with the regulations stated in this bulletin. For major concentrations, see requirements described under Department of Business Administration.

For graduation with the degree of Bachelor of Business Administration, the minimum requirements in the various fields of study will be:

I. Humanities

1. English 121, 122, 221, 222	20
2. Music, Art, or <u>Philosophy</u> 201	5
	25

II. Social Sciences

1. <u>History of Civilization</u> 114, 115	10
2. <u>Principles of Economics</u> 201, 202	10
3. <u>Political Science</u> 113 (or elective if Political Science 113 is exempted by examination)	5
	25

III. Mathematics and Natural Science

1. <u>Mathematics</u> 100, 135, 211	15
2. <u>Laboratory Science (Sequence)</u>	10
	25

V. Business Administration

1. Introductory Accounting 211, 212	10
2. Business Administration 200* or 205	5
	15

TOTAL FRESHMAN AND SOPHOMORE HOURS (excluding Physical Education) 90

V. Approved electives from the Humanities, the Social Sciences, Natural Sciences or Mathematics. 30

History 251 or 252 must be included (unless exempted by examination) and Speech 228 is recommended. At least 15 quarter hours must be in courses numbered 200 or above. Not more than 10 quarter hours may be in Business Administration courses.

VI. Business Core Requirements 35

(Economics majors — see pages 109, 110, and 111)

B.A. 307, Business Law

B.A. 320, Business Finance

Economics 311, Quantitative Methods

Economics 327, Money and Banking

and three selected from the following:

B.A. 340, Principles of Marketing

B.A. 360, Principles of Management

Economics 331, Labor and Industrial Relations

Economics 335, Public Finance

Economics 405, Government and Business

Note: Economics majors may select any approved combination from the business core and the major concentration courses.

VII. Major Concentration 30

(See Departmental requirements)

VIII. Physical Education 6

Total Requirements 191

TWO-YEAR COMMERCE-SECRETARIAL PROGRAM

This program is designed to meet the needs of those students who wish to qualify for secretarial positions in business after two years of study. Students enroll in the Associate in Arts program (listed elsewhere in this bulletin), devoting the permitted 30 hours of elective credits to business and commerce subjects as necessary. The Associate in

*Business Administration 200 is not open to upper-division business majors who have taken 300-level courses in business or economics.

Arts degree is awarded upon completion of the program. Electives under this program should be selected from the following:

Business Education 104, 105, 106	4-6*
Business Education 111, 112, 113	6-9*
Business Education 212, 213	8
Business Administration 211	5
Business Administration 315	5

IV. BACHELOR OF SCIENCE IN MEDICAL TECHNOLOGY

1. English 121, 122, 221, 222	20
2. History of the U.S.	5
3. History 114-115	10
4. Mathematics 101-102 or 100-135	10
5. Foreign Languages (15 qtr. hrs. or 10 hrs. plus elective)	10-15
6. Psychology 101, Sociology 201	10
7. Physics 211, 212	10
8. Chemistry 128-129, 281-282, 341-342	30
9. Biology 101, 102	20
Zoology 204	
Zoology 356	
10. Biology 351 and Zoology 372	10
One course from the following:	
Entomolgy 301	5
Entomology 301	5
Zoology 357	
Zoology 390	
Physical Education	6
Elective	5

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After satisfactorily completing the required number of courses and hours listed above, the degree candidate must complete 12 months in Clinical Medical Technology at an approved hospital. With the completion of this work and satisfactorily passing the examination given by the Registry of Medical Technologists, the student will be awarded the degree of Bachelor of Science.

Armstrong State College cooperates with Memorial Hospital of Chatham County in giving a B.S. degree with a major in Medical Technology. This program has been approved by the Council on Medical Education of the American Medical Association and by the Board of Schools of Medical Technology of the American Society of Clinical Pathologists.

*Whether or not a student will be placed in beginning classes of shorthand or typing will depend upon previous training in those subjects.

The Coordinator of this degree program is Dr. L. B. Davenport, Jr., Head of the Department of Biology.

V. BACHELOR OF ARTS IN SOCIAL WELFARE

(See Head of Department of Psychology and Sociology for information regarding this degree.)

VI. ASSOCIATE IN ARTS IN NURSING

For the two-year (seven quarters) program of Associate in Arts in Nursing, the student must complete the curriculum of 55 quarter hours in academic courses and 54 quarter hours of professional clinical courses as listed under the Department of Nursing.

This program provides the student with the opportunity to obtain a general education and to study nursing at the college level. Graduates are eligible to take the State Examination for licensure to practice as registered nurses.

The curriculum is approved by the Georgia State Board of Nursing Examiners and is fully accredited by the National League for Nursing.

VII. DENTAL HYGIENE

ASSOCIATE IN SCIENCE DEGREE IN DENTAL HYGIENE

For the two-year (seven quarters) program for the Associate in Science Degree in Dental Hygiene the student must complete a curriculum of 55 quarter hours in academic courses and 53 quarter hours in professional dental hygiene courses. The purpose of this course of study is to meet the increasing need for young women educated in this rapidly growing and important health profession. Dental hygienists are in demand to provide dental health services in private dental offices, civil service positions, industry, and various public health fields. They practice under the supervision of a dentist and must pass a state board examination for licensure.

BACHELOR OF SCIENCE DEGREE IN DENTAL HYGIENE EDUCATION

A Bachelor of Science Degree in Dental Hygiene Education can be earned by an additional two years (six quarters) of study. This curriculum of 90 quarter hours is designed to prepare dental hygienists for careers in teaching in schools of dental hygiene.

VIII. ASSOCIATE IN ARTS IN POLICE ADMINISTRATION

Armstrong State College provides professional education to prepare students for careers in many areas in the administration of criminal justice. The program is offered in cooperation with selected

public and private agencies to promote service and research. Since the police are charged with the responsibility for crime prevention, protection of life and property, and assuring the functions of a democratic free society, it is imperative that students going into law enforcement be prepared to meet these obligations.

A strong liberal arts emphasis has been developed in the program enabling the student to meet new and demanding requirements of policing needs. A list of courses comprising the curriculum has been included elsewhere in this bulletin giving the student information on the suggested sequence.

Specific courses in police administration are open to all students as electives. Students who plan to follow careers in social work, law, journalism, or special education may find police administration interesting and useful. Non-majors should consult with their faculty advisor before election of these courses.

For those students seeking a baccalaureate degree, provisions have been made at Armstrong State College for transfer of the police administration credits into the political science curriculum without loss of credit. Students who plan to graduate with a degree in political science should contact the Head of that department soon after entering college.

IX. ASSOCIATE IN ARTS

For the two-year degree of Associate in Arts a student must complete the last 45 quarter hours of course work in this program at Armstrong State College. The program is designed to provide a substantial liberal education as a base for upper-division specialization.

	Qtr.	Hrs.
1. English 121, 122, 221, 222		20
2. History 114, 115		10
3. One of the following sequences of two courses:		10
Biology 101, 102		
Chemistry 111, 112		
Chemistry 121, 122		
Physics 211, 212		
Physics 217, 218		
4. Mathematics 100 or 105		5
5. Two of the following courses:		10
Economics 201		
Political Science 113*		
Psychology 101		
Sociology 201		
U.S. History 251* 252*		

*If one of these history courses and this political science course are exempted by examination in order to meet the state requirement for graduation (see page 56), the ten quarter hours shall be allotted to electives.

6. One of the following courses:	5
Music 200	
Art 200	
Philosophy 201	
7. Physical Education 111, 112, 113, and three 200 courses	6
8. Electives**	30
	96

COMPLETE LIST OF MAJOR PROGRAMS — FOUR YEAR AND TWO YEAR DEGREES

1. Bachelor of Arts with a major in English.
2. Bachelor of Arts with a major in English and requirements for secondary certification.
3. Bachelor of Arts with a major in History.
4. Bachelor of Arts with a major in History and requirements for a secondary certification.
5. Bachelor of Arts with a major in Political Science.
6. Bachelor of Arts with a major in Psychology.
7. Bachelor of Arts with a major in Music.
8. Bachelor of Arts with a major in Music and requirements for secondary certification.
9. Bachelor of Science with a major in Biology.
10. Bachelor of Science with a major in Biology and requirements for secondary certification.
11. Bachelor of Science with a major in Chemistry.
12. Bachelor of Science with a major in Chemistry and requirements for secondary certification.
13. Bachelor of Science with a major in Mathematics.
14. Bachelor of Science with a major in Mathematics and requirements for secondary certification.
15. Bachelor of Science in Elementary Education.
16. Bachelor of Business Administration with a major in Accounting.
17. Bachelor of Business Administration with a major in Economics.
18. Bachelor of Business Administration with a major in Management—Marketing.
19. Bachelor of Business Administration with a major in Business Education.
20. Bachelor of Science in Medical Technology.
21. Associate in Arts.

**If a student plans to continue work in the future toward a Bachelor's degree, he should select courses that will meet the listed requirements of a Bachelor's degree program.

22. Associate in Arts in Nursing.
23. Associate in Science in Dental Hygiene.
24. Bachelor of Science in Dental Hygiene Education.
25. Associate in Arts in Police Administration.
26. Bachelor of Science in Education with a major in Speech Correction.
27. Bachelor of Arts with a major in French.
28. Bachelor of Arts in Social Welfare.
29. Bachelor of Business Administration with a major in Finance.



IX. Departmental Course

Offerings and Requirements

For Majors

	Page
Anthropology	147
Art	125
Biology	101
Botany	102
Business Administration	104
Business Education	109
Chemistry	111
Chinese	128
Dental Hygiene	96
Economics	109
Education	116
Engineering Graphics	140
English	121
Entomology	103
French	128
Geography	136
German	130
Health	98
Hebrew	131
History	133
Library Science	119
Mathematics	139
Music	124
Nursing	94
Nutrition	96
Philosophy	136
Physical Education	143
Physical Science	114
Physics	115
Police Administration	145
Political Science	137
Psychology	146
Social Welfare	149
Sociology	146
Spanish	131
Speech	124
Speech Correction	119
Zoology	103

Armstrong State College reserves the right to (1) withdraw any course for which less than ten students register, (2) limit the enrollment in any course or class section, (3) fix the time of meeting of all classes and sections, and (4) offer such additional courses as demand and faculty warrant.

No credit will be given in beginning courses in languages where the same or similar courses have been presented for admission from high school.

Where two or more courses are listed under one description no credit for graduation will be given until the sequence is completed, for example: French 101-102-103

After each course name, there are three numbers in parenthesis. The first number listed is the number of hours of lecture; the second, the number of hours of laboratory; and the third, the number of quarter hours of credit the course carries. For example: Biology 101 - General Biology (4-3-5).

Courses numbered 100 to 199 are generally planned for the freshman level; courses numbered 200 to 299, for the sophomore level; 400-499, for the senior level.

DEPARTMENT OF ALLIED HEALTH SERVICES

NURSING

Assoc. Professor Doris Bates, R.N. Director; Rose Marie Blase, R.N., Asst. Director., Anne Mayer, R.N., Assistant Professor

Instructors: Christine Hamilton, R.N.; Nancy Duffy, R.N.; Carol Sutton, R.N.; Dorothy Bell, R.N.

The Associate in Arts Degree Program in Nursing provides the student with the opportunity to obtain a general education and to study nursing at the college level. Graduates are eligible to take the State Examination for licensure to practice as registered nurses.

The nursing educational program is developed by proceeding from simple to complex situations in nursing which evolve from basic concepts fundamental to the total needs of the individual.

Student nurses participate in nursing laboratory experiences at Memorial Medical Center, Candler General Hospital Complex, St. Joseph's Hospital, and other community agencies. Students are assigned to the clinical area and are responsible for providing their own transportation.

Students who enroll in this program have opportunities for personal, intellectual, and socio-ethical development, as well as having the personal satisfaction of becoming a member of a professional group which has unlimited opportunities after graduation.

FRESHMAN COURSE

Qtr. Hrs.

SOPHOMORE COURSE

Qtr. Hrs.

English 101	5	Political Science 113*	5
Physical Science 108, 109, 110	15	Nursing 201	8
Nursing 101	6	History 251* or 252*	5
Psychology 101	5	Nursing 202	8
Nursing 102	6	P. E. 208	1
Psychology 301 or 305	5	General Elective	5
Nursing 103	8	Nursing 203	10
Nutrition 105	5	P.E. 113	1
Nursing 104	8	P.E. 204	1
		Sociology 201	5

Course Offerings — Freshman

NURSING 101 — Fundamentals of Nursing I. - Fall Quarter.

NURSING 101L — Selected Laboratory Experiences. (5-3-6)

The underlying philosophy of this introductory course is that the logical approach to the care of the sick is through a developmental path based on a patient's typical day. Sound principles of professional ethics and the historical development of the nursing profession are correlated. Students are given opportunity to develop beginning nursing skills, to understand and apply basic principles, and to identify nursing care needs of individual patients. Clinical experience in community hospitals is given under supervision.

NURSING 102 — and Selected Laboratory Experiences —

Fundamentals of Nursing II - Winter Quarter (4-6-6)

Prerequisite: Nursing 101

This course is a continuation of Fundamentals of Nursing. The students develop more complicated nursing skills and an awareness of the inter-relatedness of medical-surgical nursing problems, and the sociological, physiological, and psychological needs of the patients. The problem - solving technique is introduced. Selected Nursing Practice is provided in applying the principles of comprehensive nursing care to patients in the hospital.

NURSING 103 and 104 — and Selected Laboratory Experiences —

Spring & Summer Qtrs.

Nursing in Maternal and Child Health

Nursing I and II (5-9-8), (5-9-8)

Prerequisite: Nursing 102

In the Maternal and Child Health Nursing sequence the framework of knowledge, needed for the study of the nursing needs of the individual and family which will be developed through the curriculum, is established. The course is designed to assist the student in

*If one of these history courses and this political science course are exempted by examination in order to meet the state requirement for graduation (see page 56), the ten quarter hours shall be allotted to electives.

the application of appropriate nursing principles, beginning with conception, the prenatal period, labor and delivery, the care and development of the newborn, the infant, and child, and the effect of illness during the growing years from birth to adolescence.

Laboratory experience is planned selectively and utilizes agencies and facilities concerned with mothers, babies, children, and their families.

NUTRITION 105 — Fundamentals of Nutrition (5-0-5) Summer Quarter.

A survey of the fundamentals of nutrition and the factors influencing the ability of the individual and family to secure and maintain optimal nutritional status.

Course Offerings — Sophomore

NURSING 201 and 202 — and Selected Laboratory Experiences — Fall & Winter Quarters.

Nursing in Physical and Mental

Illness I and II (5-9-8), (5-9-8)

Prerequisite: Nursing 103 and 104

The physical and mental illness sequence is an integrated study of the typical emotional and physical problems interrupting the human life cycle from adolescence, through middle age, to senescence and death.

Laboratory experiences in community agencies and hospital facilities are provided each student to reinforce theoretical learning.

NURSING 203 — and Selected Laboratory Experiences — Spring Quarter.

Advanced Nursing Problems (5-15-10)

Prerequisite: Nursing 202

This course is a continuation of Nursing 201 and 202. Content is correlated to strengthen knowledge and skills needed by the present day beginning nurse in giving physical care and psychological support to patients. Current trends in nursing are explored, as well as responsibilities, both legal and professional. Laboratory experiences are designed to enhance breadth and depth of knowledge in selected clinical areas.

ASSOCIATE IN SCIENCE IN DENTAL HYGIENE

Associate Professor, Doris Bates, R.D.H., Director;

Robert I. Phillips, D. M. D., Supervising Dentist

Instructors: Betty C. Dallas, R.D.H. and Sally Blitch, R.D.H.

The curriculum in dental hygiene at Armstrong State College was established in the fall of 1968.

The purpose was and is to meet the ever-increasing need for young women educated in this rapidly growing and important health profession. Dental hygienists are in demand to provide dental health services in private dental offices, civil service positions, school programs, and various public health fields. They practice under the supervision of a dentist and must pass a state board examination for licensure.

Admission of this two-year program is limited to 30 in each class. Students enroll in the fall of each year.

Application for admission should be completed by June 1 for the fall quarter, including a transcript of course work up to that date. A complete transcript shall be submitted as soon as possible thereafter.

DENTAL HYGIENE EDUCATION

GENERAL EDUCATION

	Cr.		Cr.
Physical Science 108, 109, 110	15	Dental Hygiene 101 and 102	5-3
Nutrition 105	5	Dental Hygiene 103	2
Psychology 101	5	Dental Hygiene 104 and 105	3-4
English 101	5	Dental Hygiene 106	2
Sociology 201	5	Dental Hygiene 201	3
Political Science 113	5	Dental Hygiene 202 and 203	6-6
Health 107	5	Dental Hygiene 204	6
Speech 228	5	Dental Hygiene 205	2
History 251 or 252	5	Dental Hygiene 206	4
*P.E. 204	1	Dental Hygiene 207	2
		Dental Hygiene 208	3
		Dental Hygiene 209	3
	56		41 plus 13 equal 54

Course Offerings

DENTAL HYGIENE 101 and 102 — Dental Anatomy and Oral Histology I and II (4-2-5), (1-4-3) Fall & Winter Quarters. A developmental study of the embryonic growth of the oral cavity, the primary tissues and histology of the teeth, the calcification, eruption, anatomy, and function of the human dentition and supporting structures. For Dental Hygiene students only. Laboratory — Identification, sketching, cross sectioning and carving of individual teeth. Correlated with lectures. For Dental Hygiene students only.

DENTAL HYGIENE 103 — Orientation to Fields of Denistry and Dental Hygiene (2-0-2) Winter Quarter.

The historical background of the dental hygiene movement and an introduction of the profession of denistry, its fields of specialization and the role of the dental hygienists, with respect to her membership on a dental health team.

DENTAL HYGIENE 104 - 105 — Clinical Dental Hygiene I and II (1-4-3), (2-4-4) Spring & Summer Quarters.

*If one of these history courses and this political science course are exempted by examination in order to meet the state requirement for graduation (see page 56), the ten quarter hours shall be allotted to electives.

**Required by Council on Dental Education, American Dental Association.

Lectures and demonstrations in the technique of removing stains and deposits from the exposed surfaces of the teeth. Work is introduced by practice on manikins. After the student has mastered the technique, she receives clinical experience in oral prophylaxes on children and adults, mouth inspection, and charting in the dental hygiene clinic.

DENTAL HYGIENE 106 — Pharmacology and Anesthesiology (2-0-2)
Spring Quarter.

The study of drugs and anesthetics with special consideration given to those used in the dental office. This study is to acquaint the student with the origin of these drugs and anesthetics, their physical and chemical properties, modes of administration, and effects upon the body systems.

NUTRITION 105 — Fundamentals of Nutrition (5-0-5) Summer
Quarter.

A survey of the fundamentals of nutrition and the factors influencing the ability of the individual and family to secure and maintain optimal nutritional status.

HEALTH 107 — Personal and Community Health (5-0-5) Summer
Quarter.

The course includes information for protection and promotion of individual and public health. Emphasis is given to personal hygiene, mental health, parenthood, disease prevention, and community organizations for maintaining and improving health of self and society.

DENTAL HYGIENE 201 — General and Oral Pathology (3-0-3)
Fall Quarter.

The principles of general pathology in relationship to the diseases of the teeth, soft tissues, and supporting structures of the oral cavity. The importance of early recognition of abnormal conditions in the mouth by the hygienist is emphasized.

DENTAL HYGIENE 202 - 203 — Clinical Dental Hygiene III and IV (2-8-6). (2-8-6) Fall & Winter Quarters.

Prerequisite: Dental Hygiene 104 and 105. A continuation of 104 and 105. The hygienist further learns and applies the principles of preventive dental hygiene and oral prophylaxis techniques on patients in the clinic under supervision. Conference time is used for further teaching student evaluation, discussion of common problems and situations encountered in the clinical laboratory.

DENTAL HYGIENE 204 — Clinical Dental Hygiene V (2-8-6) Spring
Quarter.

Prerequisite: 202, 203, and 207 — Co-requisite 208. The student continues to learn and apply the principles of preventive dental hygiene techniques on adult patients in the clinic under supervision. Conference time covers laws governing dental hygiene practice, professional ethics, areas of employment, office procedures, and discussion of situations encountered in clinical laboratory and externship experience.

DENTAL HYGIENE 205 — Dental Health Education (2-0-2) Fall
Quarter.

demonstrations and practical applications of modern methods of dental health education. Teaching techniques, visual aids, materials, and opportunities for teaching are covered.

DENTAL HYGIENE 206 — Dental Roentgenology and X-ray Laboratory (2-4-4) Winter Quarter.

A series of lectures and demonstrations on the applications of roentgen rays for dental diagnostic purposes. Includes the electrophysics of the apparatus, positioning of the films, angulation of the machine, and developing processes.

DENTAL HYGIENE 207 -- Dental Materials and Assisting Procedures (1-2-2) Winter Quarter.

Basic concepts of dental assisting, laboratory procedures, and dental materials used commonly and the role of the dental hygienist. Field trips to local commercial dental laboratories and the local dental supply houses.

DENTAL HYGIENE 208 — Externship (0-6-3) Spring Quarter. Supervised learning experiences in selected dental offices and field trips to local community dental agencies and specialized dental offices in order to amplify formal teaching.

DENTAL HYGIENE 209 — Dental Public Health and Preventive Dentistry (3-0-3) Spring Quarter.

A comprehensive overview of health programs with reference to the needs of the community. Particular attention is given to methods of prevention and control of dental disease, the promotion of dental health, and opportunities for participation by the dental hygienist.

BACHELOR OF SCIENCE IN DENTAL HYGIENE EDUCATION

An additional two years of study (six quarters) are offered to graduates of accredited Associate Degree Dental Hygiene programs who are registered Dental Hygienists. The enrollment is limited to those applicants with a minimum of one year of professional experience who wish to prepare themselves for a second career in Dental Hygiene Education.

In addition to courses listed for Associate in Science in Dental Hygiene degree, the following courses must be completed.

English 102	5	Dental Hygiene 401	5
Math - Any 10 qtr. hr.		Dental Hygiene 402	5
sequence	10	Dental Hygiene 403	5
History 114	5	Dental Hygiene 404	5
History 115	5		
Philosophy 201	5		20
Education 301	5		
Education 303	5		
Psychology 301	5		
Psychology 305	5		
Education 437	5		
	55		
Electives	15		
	70		

DENTAL HYGIENE 401 — Practicum in Dental Hygiene Education I
(1-8-5) Offered on Demand.

An introductory field experience in the college dental hygiene clinic, with emphasis on observation, individual and small group teaching, and teacher aide work. The professional course for majors in Dental Hygiene Education.

DENTAL HYGIENE 402 — Practicum in Dental Hygiene Education II
(1-8-5) Offered on Demand.

A continuation of Dental Hygiene 401. Problems common to beginning dental hygiene teachers, practices and procedures designed to accomplish program objectives, the establishment and organization of content, methods of clinical evaluation and supervision in the dental hygiene clinic.

DENTAL HYGIENE 403 — Practicum in Dental Hygiene Education III
(1-8-5) Offered on Demand.

An advanced field experience, designed to assist the student in the development of learning activities, teaching procedures, and the presentation of materials pertinent to dental hygiene education. The student will develop and teach selected units in the basic dental hygiene sequence.

DENTAL HYGIENE 404 — Dental Hygiene Independent Study (5-0-5).
Offered on Demand.

Individual independent study and field work in an area of major interest with special relevance to dental hygiene and future career objectives.

ANTHROPOLOGY

(See listing under Department of Psychology and Sociology)

ART

(See listing under Department of Fine Arts)

DEPARTMENT OF BIOLOGY

Professor Leslie B. Davenport, Jr., Head; Associate Professors
Beltz and Thorne; Assistant Professors Brower and Pingel

DEPARTMENTAL REQUIREMENTS FOR THE MAJOR IN BIOLOGY

The major in biology consists of Biology 101, 102, Botany 203, Zoology 204, and at least 40 quarter hours credit in biology courses (botany, zoology, etc.) numbered 300 or above. In addition, biology majors must complete the course sequence in organic chemistry (15 quarter hours). The course in General College Physics (15 quarter hours) is strongly recommended and should be considered essential for those who expect to continue the study of biology beyond the B. S. degree.

Every student acquiring a major in biology must include in his program the following courses: Biology 370; Biology 380; and Botany 380 or Zoology 390.

Beginning students who have successfully completed strong courses in biology in high school are advised to take the examinations for advanced placement which are offered with the College Entrance Examinations. Arrangements to take these tests may be made through the office of the Dean of Student Affairs.

Course Offerings

BIOLOGY 101 — Principles of Biology (4-3-5). Offered each quarter. Biological structure; the reproduction and development of organisms; the physical and chemical organization of protoplasm and cells. Prerequisite: none.

BIOLOGY 102 — Principles of Biology (4-3-5). Offered each quarter. Biological function; bioenergetics of cells, cellular and organismal physiology, genetics, differentiation, behavior, ecology, and evolution. Prerequisite: Biology 101.

BIOLOGY 351 — Bacteriology (3-4-5). Fall. Prerequisites: 10 hours of biological science, Chemistry 128-129.

A survey of micro-organisms with special emphasis on bacteria and their relationships to man.

BIOLOGY 352 — Mycology (3-4-5). Offered on demand. Prerequisite: Biology 351.

A survey of the microscopic and macroscopic fungi common to the local geographic area.

BIOLOGY 358 — Histological Technique. (0-10-5). Offered on demand. Prerequisites: Biology 101, 102.

Principles and methods of killing, fixing, embedding, sectioning, staining, and mounting plant and animal materials for study.

BIOLOGY 370 — Genetics (3-4-5). Winter. Prerequisites: Biology 101, 102.

An introduction to the principles of biological inheritance.

BIOLOGY 380 — General Ecology (3-4-5). Spring. Prerequisites: Two upper division courses in biology (botany or zoology).

A survey of the principles of ecology and their application to the welfare of man, co-ordinated with a study of populations and communities in the field.

BIOLOGY 410 — Cellular Physiology (3-4-5). Offered on demand. Prerequisites: At least third quarter junior status; two upper division courses in biology; and organic chemistry.

A consideration of the functional relationships between microscopic anatomy and cell chemistry, emphasizing permeability, metabolism, and growth.

BIOLOGY 440 — Cytology (2-6-5). Fall Odd Numbered Years. Prerequisite: Two senior division courses in biology.

The study of cells, their cytoplasm and nuclei, growth, differentiation, and reproduction.

BIOLOGY 450 — Evolution (5-0-5). Winter. Prerequisite: major in biology (at least 15 qtr. hrs. credit in upper division courses).

Modern concepts in organic evolution.

BIOLOGY 490 — Problems in Biology (1-5 hours credit). Offered on demand. Prerequisites: At least 20 hours credit in biology courses numbered 300 or above; a B average in biology courses and in overall work; consent of department head; agreement of staff member to supervise work.

Problems to be assigned and work directed by a member of the department. Supervised research including literature search, field and/or laboratory investigation, and presentation of acceptable, written report of results.

Credit will depend upon the work to be done. Both credit and proposed work must be approved in advance, in writing, by the faculty member to supervise the work and by the department head.

BOTANY 203 — Survey of the Plant Kingdom. (3-4-5). Spring. Prerequisite: Biology 101 and 102..

Morphology and phylogeny of the divisions of the plant kingdom, with emphasis upon the evolution of the land flora.

BOTANY 305 — Identification of Flowering Plants (0-10-5). Spring. Prerequisite: Botany 203.

Studies in the identification of plants with emphasis on local flora.

BOTANY 323 — Plant Anatomy (0-10-5). Fall, even numbered years. Prerequisites: Botany 203.

The origin and development of the organs and tissue systems of vascular plants, and a comparative study of the structure of roots stems, leaves, flowers, and fruits.

BOTANY 380 — Plant Physiology (3-4-5). Summer. Prerequisites: Botany 203 and Organic Chemistry.

A survey of physiological processes occurring in economic plants and the conditions which affect these processes.

BOTANY 425 — Plant Morphology (3-4-5). Offered on demand. Prerequisite: Botany 323.

Comparative studies of vascular plants with emphasis on form, structure, reproduction, and evolutionary relationships.

ENTOMOLOGY 301 — Introductory Entomology (3-4-5). Spring. Prerequisite: Zoology 204.

An introduction to the study of insects — their structure, identification, and biology.

ZOOLOGY 204 — Survey of the Animal Kingdom. (3-4-5). Winter. Prerequisite: Biology 101 and 102.

An evolutionary survey of the major animal phyla.

ZOOLOGY 208 — Structure and Function of the Human Body. (5-0-5). Prerequisite: Sophomore status.

A basic course considering the gross anatomy, histology, and physiology of the organ system by means of combined lectures and demonstrations. Credit for this course may not be applied toward a major in biology.

ZOOLOGY 325 — Advanced Invertebrate Zoology. (3-4-5). Prerequisite: Zoology 204.

A study of the structure, body functions, interrelations, and natural history of the major invertebrate groups.

ZOOLOGY 355 — Embryology (3-4-5). Fall. Prerequisites: Zoology 204 or equivalent in another biological science.

An elementary course in embryology in which the chick is used to illustrate the basic principles of developmental anatomy.

ZOOLOGY 356 — Comparative Anatomy of the Vertebrates (3-6-6). Winter. Prerequisite: Zoology 204.

A study of the anatomy and evolution of the organ systems of the vertebrates.

ZOOLOGY 357 — Animal History (3-4-5). Winter. Prerequisite: Zoology 204.

A study of the tissues and their organization into organs and organ systems in animals.

ZOOLOGY 372 — Parasitology (3-4-5). Spring. Prerequisites: Zoology 204.

A comparative study of the internal and external parasites of man and other animals.

ZOOLOGY 390 — General Vertebrate Physiology (3-4-5). Fall. Prerequisites: Zoology 204 and organic chemistry.

An introduction to the general physiologic processes of the vertebrates.

ZOOLOGY 425 — Marine Invertebrate Zoology (2-6-5). Prerequisite: Zoology 325, or permission of instructor and department head.

Studies in the identification and ecologic distribution of marine invertebrates as exemplified by collection from the southeastern coastal region.

ZOOLOGY 429 — Endocrinology (4-4-5). Offered on demand. Prerequisites: Zoology 390 and one other senior division course in biology.

Physiology of the endocrine glands, their control of metabolism and reproductive cycles.

ZOOLOGY 435 — Comparative Physiology (3-4-5). Spring. Prerequisites: Zoology 204, and Chemistry 341, 342, and 343.

Studies in various groups of animals of the functions of organ systems involved in the maintenance of homeostasis under varying conditions within normal habitats and of *in vitro* reactions of tissues and systems under laboratory conditions.

BOTANY

(See listing under Department of Biology)

DEPARTMENT OF BUSINESS ADMINISTRATION

Professor Orange Hall Head,; Professors Davis and Bhatia; Associate Professors Morgan and Squires; Assistant Professors DeCastro, Johns, LaBurtis and Pearce.

Major Concentrations. (For Business Education, see listings under Teacher Education). No student will be allowed to take upper division courses unless he has a minimum grade of C in all prerequisite courses in his major field. An average of at least 2.0 in his major courses will be a requirement for graduation.

1. ACCOUNTING

B.A. 301, 302 Intermediate Accounting I, II, and four of the following:

B.A. 329 Cost Accounting I

B.A. 330 Cost Accounting II

B.A. 436 Income Taxation I

B.A. 437 Income Taxation II

B.A. 440 Accounting Systems

B.A. 450 Auditing Principles

B.A. 455 Advanced Accounting

2. ECONOMICS

Econ 401 Price and Income Theory

Econ 435 Seminar on Contemporary Economic Problems, and four of the following:

Econ 326 Economic History of the United States

Econ 335 Public Finance

Econ 345 Economic Development

Econ 350 Transportation Economics

Econ 405 Government and Business

Econ 410 International Trade

Econ 420 Comparative Economic Systems
Econ 422 Business Fluctuations, Macroeconomics
Econ 431 Investments
Econ 445 Independent Study

3. MANAGEMENT-MARKETING

B.A. 465 Business Policy, and five of the following:

B.A. 308 Business Law II

B.A. 315 Business Communications

B.A. 329 or B.A. 301 Cost or Intermediate Accounting I

B.A. 375 Personnel Administration *Spring*

B.A. 411 Marketing Management

B.A. 412 Marketing Research

B.A. 425 Managerial Accounting

B.A. 460 Production Planning and Control

B.A. 462 Human Relations in Industry

Econ. 350 Transportation Economics

Econ. 405 Government and Business

Psyc. 320 Industrial Psychology

** (B.A. 304) Salesmanship and Sales Management

** (B.A. 306) Retailing

** (B.A. 403) Advertising

4). FINANCE

B.A. 461 Corporate Financial Policy or

B.A. 456 Business Policy

B.A. 425 Managerial Accounting or

B.A. 301 Intermediate Accounting or

B.A. 329 Cost Accounting I

Four of the following:

B.A. 308 Business Law

B.A. 404 Real Estate

* (B.A. 307) Principles of Insurance

B.A. 436 Income Taxation I

B.A. 437 Income Taxation II

Economics 335 Public Finance

Economics 422 Business Fluctuations

Economics 431 Investments

Course Offerings

BUSINESS ADMINISTRATION 200 — Survey of Business (5-0-

5). Fall, Spring, Summer.

A first course in business for Business Administration majors or an elective for non-majors who wish to gain an understanding of the

*This course is offered at Savannah State College and may be taken as a part of the major concentration in Finance for the degree of B.B. A.

**These courses offered at Savannah State College may be taken by students wishing a more specialized concentration in marketing for the degree of B.B.A.

functioning of business enterprises in our capitalistic system. The course will provide a basic familiarity with: (a) the economic, social, and political environment in which business enterprises operate, and (b) the tools and managerial skills used in business decision-making in the various functional areas such as organization, management, financing, marketing, production and personnel. (Not open to upper-division business majors who have already taken 300-level work)

BUSINESS ADMINISTRATION 205 — Data Processing (5-0-5). Winter. A basic study of the principles and procedures of processing data by means of automatic data processing machines.

BUSINESS ADMINISTRATION 211 — Introductory Accounting I. (5-0-5). Fall, Winter, Spring.

An introduction to the fundamental principles and procedures of accounting, including a study of the journal, the ledger, working papers, accounting statements, controlling accounts, special journals, partnerships and corporations.

BUSINESS ADMINISTRATION 212 — Introductory Accounting II. (5-0-5). Winter, Spring. Prerequisite: Business Administration 211.

An application of accounting principles to certain problems such as departmental operations, manufacturing accounts, the analysis of financial statements, accounting aids to management, statement of application of funds.

BUSINESS ADMINISTRATION 301 — Intermediate Accounting I. (5-0-5). Fall. Prerequisite: Business Administration 212.

Accounting theory and the solution of problems requiring an application of accounting theory.

BUSINESS ADMINISTRATION 302 — Intermediate Accounting II. (5-0-5). Winter. Prerequisite: Business Administration 301.

A continuation of Business Administration 301, emphasizing the theories of valuation of fixed assets and liability accounts, the application of these, and the interpretation of financial statements prepared on the basis of these theories.

BUSINESS ADMINISTRATION 307 — Business Law I. (5-0-5). Fall, Winter, Spring.

Law governing the basic principles applicable to the following subjects: Contracts, offer and acceptance, consideration, rights of third parties and discharge; agency, liabilities of principal and agent; negotiability, endorsement and transfer, liabilities of parties.

BUSINESS ADMINISTRATION 308 — Business Law II. (5-0-5). Winter.

The law applicable to the following subjects: partnership formation, powers and liabilities of partners; corporation, formation, powers rights of security holders; sales, vesting of title, warrants, remedies.

BUSINESS ADMINISTRATION 315 — Business Communications (5-0-5). Fall, Winter.

Principles of effective business communications, application o

these principles to business and technical report writing, correspondence, and other information media.

BUSINESS ADMINISTRATION 320 — Business Finance. (5-0-5). Fall, Winter. Prerequisite: Business Administration 212.

The internal and external sources of financing for business enterprises; acquisition and management of long-term and shorter-term funds; types of securities; equity and debt instruments; problems of financial management.

BUSINESS ADMINISTRATION 329 — Cost Accounting I. (5-0-5). Winter. Prerequisite: Business Administration 212.

Methods of determining and distributing costs in manufacturing, including job order and process methods.

BUSINESS ADMINISTRATION 330 — Cost Accounting II. (5-0-5). Summer. Prerequisite: Business Administration 329.

Standard cost procedures; budgeting; distribution costs and special cost problems.

BUSINESS ADMINISTRATION 340 — Principles of marketing. (5-0-5). Fall, Winter. Prerequisite: Business Administration 200 or Economics 202.

Principles and methods involved in the movement of goods and services from producers to consumers.

BUSINESS ADMINISTRATION 360 — Principles of Management. (5-0-5). Fall, Winter. Prerequisite: Business Administration 200 or 212.

The basic principles of management applicable to all forms of business and to all levels of supervision; the functions of planning, organizing, directing, and controlling as components of the management process.

BUSINESS ADMINISTRATION 375 — Personnel Administration. (5-0-5). Fall, Spring. Prerequisite: Business Administration 200 or Economics 202.

Personnel administration as a staff function. Employment standards, training, safety and health, employee services and industrial relations.

BUSINESS ADMINISTRATION 404 — Real Estate (5-0-5). Winter. Prerequisites: B. A. 320 or B. A. 425, or B. A. 340 and B. A. 360.

Principles and practices concerned with the economic, financial, managerial, and marketing aspects of commercial and industrial real estate planning and utilization.

BUSINESS ADMINISTRATION 411 — Marketing Management (5-0-5). Fall. Prerequisites: Business Administration 340, and 360. Management of marketing organizations, with emphasis on planning, organizing and controlling the marketing organization; internal and external communications; marketing management decision-making.

BUSINESS ADMINISTRATION 412 — Marketing Research (5-0-5). Spring. Prerequisites: Business Administration 340, Math 211. Sampling, survey, experimental and other research techniques for determining customer preferences and market potentials. Interpretation and presentation of research findings for management decision making.

BUSINESS ADMINISTRATION 425 — Managerial Accounting. (5-0-5). Spring. Prerequisite: Business Administration 212. Emphasizes theory and practice of accounting from the standpoint of those who direct business operations and shape business policy.

BUSINESS ADMINISTRATION 436 — Income Taxation I. (5-0-5). Spring, Fall. Prerequisite: Business Administration 212. A study of federal income tax law and regulations; the income tax returns of individuals, partnerships, and corporations.

BUSINESS ADMINISTRATION 437 — Income Taxation II. (5-0-5). Summer. Prerequisite: Business Administration 436 or consent of instructor. A continuation of Business Administration 436 with emphasis on corporations and fiduciary returns, gift taxes, and estate taxes.

BUSINESS ADMINISTRATION 440 — Accounting Systems. (5-0-5). Offered on demand. Prerequisite: Business Administration 302. The design and installation of appropriate accounting systems in accordance with the needs of the business being serviced.

BUSINESS ADMINISTRATION 450 — Auditing Principles. (5-0-5). Spring. Prerequisite: Business Administration 302. The principles of audits and financial verifications, standards of field work, preparation of audit working papers, writing audit reports, auditing ethics.

BUSINESS ADMINISTRATION 455 — Advanced Accounting. (5-0-5). Spring. Prerequisite: B.A. 301 and 302. Selected problems in accounting. Analysis and evaluation of methods used for organizing and solving special accounting problems.

BUSINESS ADMINISTRATION 460 — Production Planning and Control (5-0-5). Fall. Prerequisites: Business Administration 360, Math 211. Appreciation of the principles of production management is developed through study of plant layout, inventory control, materials handling, production scheduling, quality control, and associated topics.

BUSINESS ADMINISTRATION 461 — Corporate Financial Policy (5-0-5). Spring. Prerequisites: B. A. 320 and Senior Status.

Analysis of financial problems, practices, policies, and decision-making rules of corporations. This course should be taken, when possible in the student's last quarter before graduation.

BUSINESS ADMINISTRATION 462 — Human Relations in Industry. (5-0-5). Winter. Prerequisites: Business Administration 360. Business Administration 375 and Psychology 101 are desirable. A study of the process of integrating people into the work situation so that they are motivated to work together harmoniously, productively, and with economic, psychological and social satisfaction.

BUSINESS ADMINISTRATION 465 — Business Policy. (5-0-5). Winter, Spring. The formation and application of business policy by top management. Emphasis is on decision-making.

BUSINESS EDUCATION

BUSINESS EDUCATION 104 — Beginning Typing (0-5-2) Fall.

This course consists of introductory instruction in the technical features and care of the machine, position, fingering, proper technique and mastery of the keyboard, continuing with speed development, and instruction in typing letters and setting up simple tabulations, term papers.

BUSINESS EDUCATION 105 — Intermediate Typing (0-5-2). Winter. Prerequisite: Business Education 104 or equivalent.

In this course emphasis is placed on speed building and accuracy. Special typing problems such as business letters, minutes, notices, stencil cutting and carbon copies are stressed.

BUSINESS EDUCATION 106 — Advanced Typing (0-5-2). Spring. Prerequisite: Business Education 105 or equivalent.

A course in the acquisition of speed and accuracy. Includes various legal forms and papers, manuscripts and business papers. Most of the student's work is done on a production timing basis. An average of 60 words a minute is attained.

BUSINESS EDUCATION 111 — Beginning Shorthand (5-0-3). Fall.

Complete theory of Gregg Shorthand simplified. Reading dictation and transcription from studied material. A dictation speed of 65 words a minute is attained.

BUSINESS EDUCATION 112 — Intermediate Shorthand (5-0-3). Winter. Prerequisite: Business Education 111 or equivalent.

Continuing development of shorthand skill. Students entering directly into this course must have a knowledge of basic brief forms and the fundamentals of beginning Gregg Shorthand.

BUSINESS EDUCATION 113 — Advanced Shorthand (5-0-3). Spring. Prerequisite: Business Education 112.

Dictation and transcription of new and studied material. Student is required to take dictation at the rate of 100 words a minute.

BUSINESS EDUCATION 212 — Office Machines (3-2-5). Spring.

The lecture and laboratory periods are devoted to the achievement of skill in the use of various office machines, such as adding-listing, calculating, key punching, dictating, duplicating, and reproducing.

BUSINESS EDUCATION 213 — Office Procedures (5-0-5). Spring. Prerequisite: Business Education 112 or permission of instructor.

Typical business office situations are duplicated as nearly as possible, including use of various machines, practical problems dealing with typing, filing, and office courtesy.

ECONOMICS

ECONOMICS 201 — Principles of Economics I. (5-0-5). Fall, Winter, Spring. A study of the principles underlying the economic institutions of the present time and their application to economic problems. Aggregative or macroeconomics is emphasized.

ECONOMICS 202 — Principles of Economics II. (5-0-5). Winter, Spring, Summer.

Microeconomics, with emphasis on the theory of prices and factor shares. If a student plans to take only one economics course, Economics 201 or Economics 326 would be more suitable than Economics 202.

ECONOMICS 311 — Quantitative Methods (5-0-5). Spring. Prerequisite: Math 211.

Applications of statistics and other quantitative techniques to decision making in business and economics.

ECONOMICS 326 — Economic History of the United States. (5-0-5). Offered on demand.

The growth and development of economic institutions in the United States from the colonial period to the present, with emphasis on the period since 1860, and including developments in agriculture, industry, labor, transportation, and finance.

ECONOMICS 327 — Money and banking. (5-0-5). Fall, Spring. Prerequisite: Economics 201.

Monetary theory, banking theory and practice, central bank controls, other financial institutions, credit flows, monetary policies to achieve desired economic efforts.

ECONOMICS 331 — Labor and Industrial Relations. (5-0-5). Winter, Summer. Prerequisite: Economics 201.

The development and structure of the labor movement in the United States; the principles of wage determination; collective bargaining; and public policy toward labor unions.

ECONOMICS 335 — Public Finance. (5-0-5). Fall, Summer. Prerequisite: Economics 201.

The economic effects of governmental taxation, expenditures, and public debt management. The principal sources of revenue and types of expenditures at the federal, state, and local levels. The proper scope of government and issues of fairness in taxation.

ECONOMICS 345 — Economic Development. (5-0-5). Alternate winters. Prerequisite: Economics 202. The nature and cause of economic stagnation in developing nations of the world, urgent need for their economic development, theory of economic growth, ways of fostering development, and balanced growth and industrialization.

ECONOMICS 350 — Transportation Economics. (5-0-5). Winter. Prerequisite: Economics 202. The economic aspects of transportation; significant developments in the fields of highway transport, water

transport, and air transport, and in regulatory policy concerning the transportation industry.

ECONOMICS 401 — Price and Income Theory. (5-0-5). Winter. Prerequisite: Economics 202. Economic analysis, especially the theories of production, price determination, factor shares, income distribution and determination.

ECONOMICS 405 — Government and Business. (5-0-5). Fall. Prerequisite: upper-division status. The effects of public policies upon business and industry, with emphasis on anti-trust, taxation, regulatory, and defense policies.

ECONOMICS 410 — International Trade. (5-0-5). Offered on demand. Prerequisite: Economics 202. Export-import trade, emphasizing exchange techniques, balance of trade and payments accounts, and the theory of international specialization and exchange, the relationship of international transactions to national income.

ECONOMICS 420 — Comparative Systems. (5-0-5). Alternate Springs. Prerequisite: Economics 202. Study of economic problems under different economic systems such as capitalism, socialism; and introduction to Marxian economic theory.

ECONOMICS 422 — Business Fluctuations, Macroeconomics. (5-0-5). Alternate years. Prerequisite: Economics 327 or Economics 202 and consent of instructor. Causes of business fluctuations, means of prevention or control, policy proposals to maintain full employment and price stability.

ECONOMICS 431 — Investments. (5-0-5). Offered on demand. The investment risks in different investment media; selection of appropriate media in accordance with individual or institutional goals and risk-bearing capacity. Types of investments and securities.

ECONOMICS 435 — Seminar on Contemporary Economic Problems. (5-0-5) Alternate Springs. Prerequisites: Economics 201 and 202, and two 300-level economics courses. General problems of production, employment, and income, with special reference to the specific problems faced by the American economic system.

ECONOMICS 445 — Independent Study. (5-0-5). Offered on demand. Mature students of economics may be permitted to undertake special independent studies in one or more aspects of economics, under the supervision and guidance of a member of the faculty. Normally, the subject matter covered will parallel a bulletin-described course which is only infrequently offered. The student will meet frequently with his advisor and will be expected to submit reports in depth on his studies. Approval of the Advisor and the Department Head will be necessary for admittance to this course.

DEPARTMENT OF CHEMISTRY & PHYSICS

Professor Fretwell G. Grider, Head; Associate Professors Brewer,
Harris, Robbins, and Stratton; Assistant Professor Hill

I. Major Requirements	
A. Lower Division	
General Inorganic Chemistry (128, 129)	10
Analytic Chemistry (Qual. 281; Quant. 282)	10
B. Upper Division	
Organic Chemistry (341, 342, 343)	15
Physical Chemistry (491, 492, 493)	12
Electives (13 qtr. hrs.) from the following:	13
Advanced Inorganic (421) 4 qtr. hrs.	
Qualitative Organic Analysis (448) 4 qtr. hrs.	
Instrumental Analysis (480) 5 qtr. hrs.	
Special Problems in Chemistry (498, 499) 1-5 qtr. hrs.	
Chemistry 431, 432, 441 3 qtr. hrs. ea.	
II. Requirements in Related Fields	
A. Mathematics through Calculus	5
B. Physics	15

Course Offerings

CHEMISTRY

CHEMISTRY 121, 122 — General Inorganic (4-3-5). Prerequisite: Entrance Requirements. Offered each quarter.

This course is designed for the student who is pursuing a non-science college major. It includes a study of the fundamental laws and theories of chemistry emphasizing the descriptive chemistry of the elements and their relationships as shown in the Periodic Table. The course is a lecture laboratory study with minimum reliance on mathematics.

CHEMISTRY 125 — Stoichiometry (1-2-2). Offered each quarter. The application of mathematics to freshman chemistry courses. The quantitative treatment of chemical reactions will be covered in detail and in practice sessions. Students will be assigned to this course according to their college entrance test results, or upon the recommendation of the faculty.

CHEMISTRY 128, 129 — General Inorganic (4-3-5). Prerequisite: College Algebra or equivalent. Offered each quarter.

A study of the fundamental principles and laws of chemistry with a quantitative approach to the subject. This course is designed for the science major expecting detailed work in the modern concept of the atom, chemical bonding and a thorough treatment of the chemistry of particular elements, families and groups. The laboratory work includes an understanding of fundamental techniques as applied to beginning experiments and a study of properties and preparations.

CHEMISTRY 281 — Qualitative Inorganic Analysis (3-5-5). Prerequisite: Chemistry 129. Spring and Fall.

Theory and adequate laboratory practice in the analysis of common cations and anions.

CHEMISTRY 282 — Quantitative Inorganic Analysis (2-9-5). Prerequisite: Chemistry 281. Winter and Summer.

The fundamental theories and practice of gravimetric and volumetric analysis with an introduction to instrumental analysis.

CHEMISTRY 311 — Oceanography — Inorganic Chemistry (2-0-2). Fall. Prerequisite: Chemistry 282, or 341, or approved equivalent in physics or biology.

The minerals of the ocean and ocean floor; methods of analysis and collection; inter-relationship between the components; changes that may take place; effects of the components on bio-processes.

CHEMISTRY 312 — Oceanography — Physical Chemistry (2-0-2). Winter. Prerequisite: Chemistry 282, or 341, or approved equivalent in physics or biology.

The study of phases in the ocean; pH and its variations; redox potential and its variations; methods of obtaining data; solubility effects and precipitation; correlation of data with bio-processes.

CHEMISTRY 313 — Oceanography — Chemical Applications (2-0-2). Spring. Prerequisite: Chemistry 282, or 341, or approved equivalent in physics or biology.

Study of the mineral potential of the ocean; description of the processes already operating; energy from the sea; ion-exchange processes; freshwater from the sea; biological concentrative effects; future projections.

CHEMISTRY 341, 432, 343 — Organic Chemistry (3-6-5). Fall, winter, spring. Prerequisite: Chemistry 129.

Three quarter courses in the study of aliphatics, aromatic hydrocarbons and their derivatives. Includes the study of polyfunctional compounds, polynuclear hydrocarbons, carbohydrates, amino acids, heterocyclics and related compounds. The course will emphasize organic reactions in terms of modern electronic theory.

CHEMISTRY 350 — Chemical Literature (2-0-2). Prerequisite: Chemistry 342 or consent of Department Head. Spring.

A study of the use of the chemical library and the important journals, references, and information sources. Course will include instruction in report writing.

CHEMISTRY 360 — Biochemistry (5-0-5). Prerequisite: Chemistry 343. Spring.

A study of the chemical nature of cellular constituents and their metabolisms.

CHEMISTRY 371 — Industrial Chemistry (3-0-3). Prerequisite: Consent of Department Head. Winter.

This course presents a study of inorganic chemical industries. It

deals with chemical processes and modern developments in these industries. A survey of operations and economics is given.

CHEMISTRY 372 — Industrial Chemistry (3-0-3). Prerequisite: Consent of Department Head. Spring.

This course covers the important organic chemical industries in the same manner as Chemistry 371.

CHEMISTRY 342 — Advanced Inorganic Chemistry (3-3-4). Prerequisite: Chemistry 282. Spring.

Selected topics in inorganic chemistry tending to increase students' understanding of mechanisms of chemical reactions. Emphasizes the periodicity of elements.

CHEMISTRY 431, 342 — Seminars (3-0-3). Prerequisites: Chemistry 491, Chemistry 343, or Chemistry 421. Winter & Spring.

Selected topics for group discussion.

CHEMISTRY 441 — Advanced Organic Chemistry (3-0-3). Prerequisite: Chemistry 343. Fall.

A further study of important organic reactions emphasizing theories of reaction mechanisms of organic chemistry.

CHEMISTRY 448 — Organic Qualitative Analysis (2-6-4). Prerequisite: Chemistry 343. Summer.

Systematic approach to the identification of organic compounds.

CHEMISTRY 480 — Instrumental Analysis (2-9-5). Prerequisites: Chemistry 282, 342. Winter and Summer.

Includes study of principles involved in the operation and the laboratory use of special instruments for analysis.

CHEMISTRY 491, 492, 493 — Physical Chemistry (3-3-4). Prerequisites: Chemistry 343, 282. Physics 213. Mathematics 104.

Fundamental principles of physical chemistry including the study of solids, liquids, gases, thermochemistry, thermodynamics and solutions. The course will also cover a study of chemical equilibria, chemical kinetics, electrochemistry, colloids, quantum mechanics and nuclear chemistry.

CHEMISTRY 498, 499 — Special Problems (Schedule and credit vary). Prerequisites: Chemistry 493 and consent of Department Head.

Problems to be assigned and work directed by a member of the Department. Supervised research including literature search, laboratory experimentation and presentation of results. Course credit will depend on problem.

PHYSICAL SCIENCE

PHYSICAL SCIENCE 108, 109, 110 — Physical Science of Bio-Processes (4-3-5 for each course). Prerequisite: Entrance Requirements.

A three quarter sequence which teaches the interrelationships of content and application of essential principles from chemistry, physics, physiology, and microbiology.

PHYSICAL SCIENCE III — Physical Environment (5-0-5). Winter.

Prerequisite: Entrance Requirements.

An elementary survey of the fundamentals of general physics, including mechanics, heat and sound, electricity and magnetism, and modern physics. Designed for non-science majors. Only simple mathematics is utilized. Lectures, demonstrations, visual aids and problems. No credit is given to a student who has completed a course in college physics.

PHYSICAL SCIENCE 113 — Meteorology, Geology, Astronomy (5-0-5). Fall, Spring. Prerequisite: Entrance Requirements.

A survey of elementary meteorology, geology and astronomy. Elements of weather and climate, their forecasting and possible modification. Composition, structure, and history of the earth. Relative positions, motions and sizes of members of the solar system, our galaxy, and other regions of the universe. Lectures, visual aids, fossils, minerals and rocks, demonstrations and problems.

PHYSICAL SCIENCE 114 — Physical Oceanography (5-0-5). Summer. Prerequisite: Entrance Requirements.

A survey of basic physical oceanography. Distribution of land and water over the earth. Nature and relief of the sea floor. Physical and chemical properties of sea water. Propagation of sound and light in the ocean. Tides and currents, turbulence and waves, and air-sea energy exchange. Instrumentation. Lectures, visual aids, charts, maps, and problems.

PHYSICS

PHYSICS 211 — Mechanics (4-2-5). Fall, Summer. Prerequisite: Mathematics 102.

The first part of the sequence Physics 211-212-213 in general physics. Basic classical physics, including mechanics, sound, and heat. Designed for non-science majors with aptitude in mathematics below the level of calculus. Lectures, demonstrations, visual aids, problems and laboratory work.

PHYSICS 212 — Electricity, Magnetism, Basic Light (4-2-5). Winter. Prerequisites: Mathematics 102 and Physics 211.

The second part of the sequence Physics 211-212-213. Basic electricity, magnetism, and geometrical optics.

PHYSICS 213 — Light Phenomena, Modern Physics (4-2-5). Spring. Prerequisites: Mathematics 102 and Physics 212.

The last part of the sequence Physics 211-212-213. Continues the study of light from the viewpoint of physical optics, and concludes with the study of atomic and nuclear physics. Laboratory work includes two selected experiments of advanced scope.

PHYSICS 217 — Mechanics (5-3-6). Fall, Summer. Prerequisite: Mathematics 104, or concurrently.

The first part of the sequence Physics 217-218-219 in general physics. Basic classical physics, including mechanics, sound and heat.

Designed for science majors and engineering students. Lectures, demonstrations, visual aids, problems, and laboratory work.

PHYSICS 218 — Electricity, Magnetism, Basic Light (5-3-6). Winter. Prerequisites: Mathematics 104 and Physics 217.

The second part of the sequence Physics 217-218-219. Basic electricity, magnetism, and geometrical optics.

PHYSICS 219 — Light Phenomena, Modern Physics (5-3-6). Spring. Prerequisites: Mathematics 104 and Physics 218.

The last part of the sequence Physics 217-218-219. Continues the study of light from the viewpoint of physical optics, and concludes with the study of atomic and nuclear physics. Laboratory work includes two selected experiments of advanced scope.

PHYSICS 301 — Physical Geology (2-0-2). Spring. Prerequisite: Physics 211 or consent of Instructor.

Geologic history of the earth. Stratigraphy, volcanism, earthquakes, and metamorphism. Lectures, visual aids, rocks and minerals, fossils, topographic and geologic maps, and problems.

CHINESE

(See listing under Department of Foreign Language)

DENTAL HYGIENE

(See listing under Department of Allied Health Services)

ECONOMICS

(See listing under Department of Business Administration)

DEPARTMENT OF EDUCATION

Professor William W. Stokes, Head; Assistant Professors, Boney, Newberry, Rundaken, and Ward.

The purpose of the Department of Education is to coordinate the college-wide programs of teacher education and to offer professional courses for the pre-service and in-service preparation of teachers. For specific requirements of the teacher education programs offered by the college, see pages 77-86.

Course Offerings

EDUCATION 203 — Orientation to Teaching. (5-0-5). Each quarter.

The study of the status of education and of teaching as a profession. The student engages in directed self-study and plans for the achievement of his professional goals.

EDUCATION 301 — Child Development and the Educative Process. (2-6-5). Fall, Winter, Spring.

A study of the developmental learning characteristics of pupils in relation to ways in which the school environment may elicit further

development. Students attend seminars on campus and serve as junior professionals in selected elementary schools. Enrollment limited to 12 students per section. Prerequisite: Education 203.

EDUCATION 425 — The Teaching of Reading. (5-0-5). Each quarter.

The teaching of reading including methods, techniques, and materials. Prerequisite: Admission to Teacher Education.

EDUCATION 434 — Methods and Curriculum of Elementary Science (5-0-5). Winter and Summer.

Provides prospective teachers with a better concept of the meaning of science, processes for translating this concept into classroom practice, and a variety of ways for helping children learn science, with special emphasis on the kind of inquiry that engages them in the processes of discovery.

EDUCATION 435 — Elementary School Curriculum. (5-0-5). Each quarter.

The study of existing instrumental programs and experiences in curriculum design. Directed observation. Prerequisite: Edu. 301 and Psy. 301, or permission of the instructor. Corequisite: Edu. 436.

EDUCATION 436 — Elementary School Methods. (5-0-5). Each quarter.

The study and evaluation of teaching methods, materials, and equipment in the various teaching fields. Actual unit development in preparation for student teaching. Prerequisite: Edu. 301 and Psy. 301, or permission of the instructor. Corequisite: Edu. 435.

EDUCATION 437 — Secondary School Curriculum and Methods, General. (5-0-5). Fall, Winter.

The study of secondary school curriculum with emphasis upon materials and methods of teaching. Directed observation. Prerequisite: Admission to Teacher Education and Psy. 301.

EDUCATION 438 — Secondary School Curriculum and Methods, Business Education. (5-0-5). Fall.

The study of secondary school business education curriculum with emphasis upon materials and methods of teaching business education. Directed observation. Prerequisite: Admission to Teacher Education and Psy. 301.

EDUCATION 439 — Secondary School Curriculum and Methods, English. (5-0-5). Fall, Spring.

The study of secondary school English curriculum with emphasis upon materials and methods of teaching English. Directed observation. Prerequisite: Admission to Teacher Education and Psy. 301.

EDUCATION 440 — Secondary School Curriculum and Methods, Social Science. (5-0-5). Fall, Spring.

The study of secondary school social science curriculum with emphasis upon materials and methods of teaching social science. Directed

observation. Prerequisite: Admission to Teacher Education and Psy. 301

EDUCATION 446, 447, 448 — Student Teaching. (15 quarter hours). Fall, Winter, Spring.

Students are placed in selected schools for one quarter as full time student staff members. No additional credit hours may be earned while student teaching. Classroom teaching experiences and other staff responsibilities are jointly supervised by the college staff, supervising teachers and principals in the selected schools. Prerequisite: See Page 77.

RELATED PROFESSIONAL COURSES OFFERED IN OTHER DEPARTMENTS

ART 320 — Art for the Elementary Teacher. (4-2-5).

A study of materials and methods for teaching art at the elementary school level. Prerequisite: Admission to Teacher Education.

ENGLISH 331 — Children's Literature. (5-0-5).

The literary genres usually emphasized in elementary and secondary schools will be studied. The primary purpose of this course will be to consider how literature may both stimulate the child and cater to his interest as well. Secondary purposes will be the consideration of critical techniques, methodology, and overall usefulness of materials studied. Prerequisite: Admission to Teacher Education.

MATHEMATICS 350 — Basic Ideas of Arithmetic. (5-0-5). Fall, Spring. Prerequisite: Mathematics 105, 100, or 101, and at least sophomore standing. Mathematics majors will not receive credit for this course. This course is designed to give elementary teachers a clear understanding of the fundamental ideas of arithmetic, and to acquaint them with current elementary school materials and methods.

MATHEMATICS 351 — Basic Ideas of Geometry. (5-0-5). Winter. Prerequisite: Mathematics 105, 100, or 101 and at least sophomore standing. Mathematics majors will not receive credit for this course. This course is designed to give elementary teachers a clear understanding of the fundamental ideas of geometry, and to acquaint them with current elementary school materials and methods.

MUSIC 320 — Music for the Elementary Teacher. (5-0-5).

An introduction to music skills and materials for the elementary classroom teacher. Prerequisite: Admission to Teacher Education.

PHYSICAL EDUCATION 320 — Health and Physical Education for the Elementary Teacher. (5-0-5).

An introduction to the teaching of health and physical education for the elementary teacher. Prerequisite: Admission to Teacher Education.

PSYCHOLOGY 301 — Educational Psychology. (5-0-5).

The application of behavioral science to the problems of learning

in the classroom. Prerequisite: Psychology 101 and Admission to Teacher Education.

LIBRARY SCIENCE

LIBRARY SCIENCE 320 — Cataloging and Classification of School Library Materials (5-0-5). Fall. Introduction to the basic principles of cataloging and classification of books and audiovisual materials through the use of Dewey and Library of Congress classification. The card catalog, shelf list, physical procession, and procedure for ordering and using printed cards will be studied.

LIBRARY SCIENCE 410 — Materials Selection (5-0-5). Winter. Selection and evaluation of books and non-book materials; emphasis on those which meet curriculum needs and interest, and which represent various levels of difficulty; ways of stimulating their use. Attention will be given to selection aids and reading guidance.

LIBRARY SCIENCE 420 — School Library Administration and Organization (5-0-5). Spring. Basic organization of books, non-book materials, and services for effective use in school libraries. Administering the budget, purchase of materials, personnel, circulation, inventory, weeding, and instruction in the use of library materials will be considered. Examination of the improvement of instruction by correlating library use with school curricula.

LIBRARY SCIENCE 310 — Reference Materials. (5-0-5). Summer. Study and evaluation of basic reference sources for effective reference service in elementary and secondary schools. Designed to give the student a working knowledge of a library as an information and resource center.

SPEECH CORRECTION

SPECIAL EDUCATION 305 — Introduction to Exceptional Children. (5-0-5). Fall.

A study of the different kinds of exceptional children with emphasis on etiological factors, educational implications, and rehabilitation requirements. Primary consideration will be given to general discussions of mental retardation, emotional and social disturbances, visual and hearing impairments, physical handicaps, and speech and language disorders.

SPECIAL EDUCATION 310 — Survey of Speech Problems. (5-0-5). Fall.

A study of the major etiology and basic therapy for all types of speech defects, with a concentration on those most commonly found in the classroom. The content of this course is designed for the speech correction major as well as the classroom teacher who wishes to become informed about speech problems. Observations in both public schools and the speech and hearing clinic.

SPECIAL EDUCATION 315 — Language Development. (5-0-5)
Winter.

The study of normal language development with emphasis on oral language. This course includes the relationship between speech and language, developmental scales that trace language growth across various age levels, and implications of delayed speech and language. Observations in both public schools and the speech and hearing clinic.

SPECIAL EDUCATION 320 — Psychology of Speech. (5-0-5).
Winter.

Basic principles of psychology as they apply to speech, with emphasis on learning, motivation, emotions, intelligence, personality, social relations, and psychological effects of speech disorders. Observations in both the public schools and the speech and hearing clinic.

SPECIAL EDUCATION 325 — Phonetics for Speech Correctionists. (2-6-5). Spring.

Deals with the use of the International Phonetic Alphabet (IPA) in speech correction. IPA transcription of normal and defective articulation and the important characteristics of regional dialects are stressed. Prerequisites: Special Education 310 and 315.

SPECIAL EDUCATION 330 — Anatomy and Physiology of the Speech and Hearing Mechanism. (5-0-5). Spring.

Anatomy and physiology of the head, neck, and thorax from a speech and hearing standpoint. Special emphasis is placed on functional considerations of the respiratory system, larynx, oral and nasal structures, and ear. Prerequisites: Special Education 310 and 315.

SPECIAL EDUCATION 335 — Speech Science. (3-4-5). Fall.

Speech communication from a psychophysical standpoint. Study focuses on acoustics, physics of speech, transmission media, and physical analysis of speech. Prerequisites: Special Education 310 and 315.

SPECIAL EDUCATION 410 — Group Processes and Practicum. (3-4-5). Fall.

Characteristics of task oriented small behavior and interaction. Study focuses on the analysis and evaluation of group interaction and process, with particular emphasis on working with children in groups. Theories of group process are related to speech correction and supervised clinical practice. Prerequisites: Completion of 300 level sequence in speech correction, Admission to Teacher Education.

SPECIAL EDUCATION 415 — Articulation Problems. (2-6-5).
Winter.

A study of the etiology, rationale, and methods of therapy for functional disorders of articulation. The course includes the development of a therapeutic program, lesson plans, and supervised clinical practice. Prerequisite: Special Education 410.

SPECIAL EDUCATION 420 — Audiometry. (2-6-5) Winter.

The measurement of normal and defective hearing with the pure

tone audiometer. Particular attention focuses on recording hearing thresholds, audiogram interpretation, and the pathologies that cause hearing loss. Students are also familiarized with speech audiometry and special audiometric equipment and techniques. Supervised clinical practice. Prerequisites: Completion of 300 level sequence in speech correction, Admission to Teacher Education.

SPECIAL EDUCATION 445 — Aural Rehabilitation. (2-6-5).
Spring.

The study of theories and methods involved in speech reading, auditory training, and speech conservation for the hearing impaired. The importance of the conservation of hearing is also stressed. Supervised clinical practice. Prerequisite: Special Education 410.

ENGINEERING

(See listing under Department of Mathematics)

DEPARTMENT OF ENGLISH & SPEECH

Professor Hugh Pendexter III, Head; Professors Anchors, Killorin, Seale, Strozier; Associate Professor Jones; Assistant Professors Brooks, Brown, Jenkins, Ramsey, Suchower, Welsh, and White.

DEPARTMENTAL REQUIREMENTS FOR THE MAJOR IN ENGLISH

A student majoring in English must complete at least 40 hours of upper-division courses (300-400 level) in the major field, of which at least 15 hours must be on the 400 level. A major program must include at least one of the starred courses in each of the following groups:

- I. Shakespeare (404*)
- II. English Literature before 1700 (300*, 301*, 302*, 320*, 402, 403)
- III. English Literature after 1700 (303*, 304*, 305*, 307*, 311, 312, 316, 321, 322)
- IV. American Literature (308*, 309*, 310*, 313, 315, 322)
- V. a. Comparative Literature (314*, 318*, 322*, 333*)
b. English Language (324*, 325*, 410*)
c. Speech (for Speech Majors) (341*, 345*, 346*)

The major shall select one area of specialization from groups II-V and complete at least two additional courses in that area (starred or unstarred). English 400, 401, 490, and 491 may, depending on the subject, be counted in any area of specialization.

The major program must also include proficiency in foreign language equivalent to courses 101 through 201, and 25 quarter hours of courses, approved by the major department, from these related fields: literature in a foreign language, history, philosophy, art, music, speech. Those concentrating in Speech should include among their related-field courses, Speech 227 (5 hrs.) and 228 and two courses in dramatic literature either in English or in a foreign language.

Course Offerings

ENGLISH

Students will be assigned to freshman English according to results of tests taken before the beginning of the term.

ENGLISH 99 — Fundamentals of Composition (3-4-0). Offered every quarter.

This is the study and practice of sentence and paragraph structure. Students must learn to write clearly, logically, coherently, and correctly. In the 2-hour writing laboratory they practice composition.

ENGLISH 121 — Composition and Non-fiction (5-0-5). Offered every quarter.

Assignment to this course is based upon entrance test results or upon successful completion of English 99. The instruction focuses upon rhetoric, organization of ideas, and techniques of reading.

ENGLISH 122 — Composition and Introduction to Prose Fiction (5-0-5). Offered every quarter. Prerequisite: grade of "C" in English 121.

The documented term paper is included in this course.

ENGLISH 103 — Honors Composition (5-0-5). Fall

Instruction in this course will not follow the traditional lecture method only; the students will read widely and write a research paper (or papers) in the fashion which the instructor thinks will best discipline them for independent study.

ENGLISH 104 — Honors Composition and Introduction to Literature (5-0-5). Winter.

In this course the students will read material in addition to the literature assigned for English 122 and write critical papers on topics selected from the periods covered.

ENGLISH 110 — English as a Second Language (5-0-5). Offered on demand.

This course is designed to prepare students whose native language is not English to do the normal college composition work. Students receiving a grade of "C" or better are eligible for English 122. Admission by permission of the instructor.

ENGLISH 221 — Composition and Introduction to Poetry and Drama (5-0-5). Offered every quarter. Prerequisite: grade of "C" in English 122.

ENGLISH 222 — Masterpieces of Literature (5-0-5). Offered every quarter. Prerequisite: English 221.

This course is prerequisite to all 300 and 400 level courses in English.

ENGLISH 300 — Early English Literature: Beginning through 1485 (5-0-5). Alternate years.

ENGLISH 301 — Renaissance 1485-1603 (5-0-5) Alternate years.

ENGLISH 302 — 17th Century: 1603-1660 (5-0-5). Alternate years.

ENGLISH 303 — Age of Dryden and Pope (5-0-5). Alternate years.
ENGLISH 304-18th Century: Swift through Blake (5-0-5). Alternate years.

ENGLISH 305 — 19th Century I: Romantic (5-0-5). Alternate years.

ENGLISH 306 — 19th Century II: Victorian (5-0-5). Alternate years.

ENGLISH 307 — 20th Century British (5-0-5). Alternate years.

ENGLISH 308 — American Literature I: Beginning through Cooper (3-0-3). Alternate years.

ENGLISH 309 — American Literature II. (5-0-5). Alternate years.

ENGLISH 310 — American Literature III: Rise of Naturalism to the present (5-0-5). Alternate years.

ENGLISH 332 — Medieval and Renaissance Europe Literature (5-0-5). Alternate years.

ENGLISH 333 — Modern European Literature (5-0-5). Alternate years.

ENGLISH 311 — British Novel I: Beginning through Austen (3-0-3). Alternate years.

ENGLISH 312 — British Novel II: Scott through Hardy (5-0-5). Alternate years.

ENGLISH 316 — British Novel III: Conrad through present (5-0-5). Alternate years.

ENGLISH 313 — American Novel I: Beginning through James (5-0-5). Alternate years.

ENGLISH 315 — American Novel II: Naturalists to present (5-0-5). Alternate years.

ENGLISH 314 — The European Novel (5-0-5). Alternate years.

ENGLISH 318 — Greek and Roman Drama in Translation (5-0-5). Alternate years

ENGLISH 320 — British Drama I: Beginning to 1540 (5-0-5). Alternate years.

ENGLISH 321 — British Drama II: 1660-1850 (5-0-5). Alternate years.

ENGLISH 322 — Modern British, American, and Continental Drama: Ibsen to the present (5-0-5). Alternate years.

ENGLISH 324 — Introduction to Linguistics (5-0-5). Fall

ENGLISH 325 — Advanced Grammar: Generative-Transformational Grammar (5-0-5). Winter. Prerequisite: English 324.

ENGLISH 331 — Children's Literature (will not apply toward English major). (5-0-5). Offered on demand.

SENIOR COURSES

ENGLISH 400- Seminar ((1-5)-0-(1-5)). Offered on demand.

ENGLISH 401 — Seminar ((1-5)-0-(1-5)). Offered on demand.

ENGLISH 402 — Milton (5-0-5). Alternate years.

ENGLISH 403 — Chaucer (5-0-5). Alternate years.

ENGLISH 404 — Shakespeare (5-0-5). Fall.

ENGLISH 410 — History of the English Language (5-0-5). Alternate years.

ENGLISH 490 — Independent Study ((1-5)-0-(1-5)). Offered on demand.

ENGLISH 491 — Independent Study ((1-5)-0-(1-5)). Offered on demand.

SPEECH

SPEECH 227 — Theatre Laboratory (0-3-1). Offered every quarter.

Practical experience in theatre. The student will work on the Masquers' production of the quarter. Only one hour's credit may be earned per quarter. The maximum total credit allowed in Theatre Laboratory is five quarter hours.

SPEECH 228 — Fundamentals of Speech (5-0-5). Offered every quarter. Practice and theory of oral communication. Each student makes several major speeches. The physiology of the speech mechanism is covered, and articulation is studied within the framework of the International Phonetic Alphabet.

SPEECH 341 — Oral Interpretation (5-0-5). Fall.

A practical course in the oral interpretation of poetry and prose. The techniques of literature analysis are stressed along with the vocal techniques needed to communicate an author's mood and meaning.

SPEECH 345 — History of the Theatre (5-0-5). Winter.

A survey of theatrical art from its beginning to the present day. The course emphasizes the development of the physical theatre.

SPEECH 346 — Play Production (5-0-5). Spring

A course in the theory and practice of acting and directing, with special attention to image-making on stage. Individuals under supervision prepare and execute the production of scenes and short plays.

ENTOMOLOGY

(See listing under Department of Biology)

DEPARTMENT OF FINE ARTS

Professor Harry Persse, Head; Assistant Professor McKinnell

DEPARTMENTAL REQUIREMENTS FOR THE MAJOR IN MUSIC

The Bachelor of Arts Degree with a Major in Music

The college offers the Bachelor of Arts degree with a major in music. Within this degree program the student may choose a concentration from the areas of performance, music literature, music theory, or music education.

In addition to satisfying the requirements of the core curriculum

for the bachelor of arts degree, those majoring in music will complete the following program:

Lower division courses:

Music Theory 110, 111, 112	6
Sightsinging 101, 102, 103	3
Music Theory 210, 211, 212	6
Sightsinging 201, 202, 203	3
Applied Music 140, 141, 142	6
240, 241, 242	6
	30

Upper division courses:

Music History 310, 311	10
Music Theory 312, 412	6
Applied Music 310, 341, 342	6
440, 441, 442	6
	28

Additional courses in music may be elected by the student, but no more than seventy hours in the major field may be applied towards the degree.

In addition to the above, the program must include fifteen to thirty hours of approved electives in related fields.

Course Offerings

ART

ART 101 — Basic Design and Drawing (3-4-5). Alternate years.

An introduction to the principles of design and the means and materials of drawing.

ART 102 — Basic Design and Drawing (3-4-5). Alternate years.

A continuation of Art 101.

ART 103 — Basic Design and Drawing (3-4-5). Alternate years.

A continuation of Art 102.

ART 200 — Introduction to the Visual Arts (5-0-5). Fall, Winter.

The study of theories of art and their application in master-works of art from all ages, directed toward increasing the understanding and enjoyment of art for the non-art major. Not recommended for students who have credit for Art 291.

ART 201 — Drawing and Painting (0-6-3). Alternate years.

Drawing and painting from various figures, animals, and objects, employing various materials and media.

ART 202 — Drawing and Painting (0-6-3). Alternate years.

A continuation of Art 201.

ART 203 — Drawing and Painting (0-6-3). Alternate years.

A continuation of Art 202.

ART 290 — History of Art (5-0-5). Offered on demand.

A survey of world art from ancient times through the Baroque.

Art 291 — History of Art (5-0-5). Offered on demand.

A survey of world art from the end of the seventeenth century to the present. Not recommended for students who have credit for Art 200.

ART 320 — Art for the Elementary Teacher (4-2-5). Fall, Winter.

A study of materials and methods for teaching art at the elementary school level.

ART 301 — Ceramics (3-4-5). Offered on demand.

An introductory course in the fundamentals of pottery, clay, modeling, glazing and firing methods.

ART 302 — Ceramics (2-3-5). Offered on demand.

A continuation of Art 301 with emphasis on the potter's wheel, and the study of glazed materials.

ART 303 — Ceramics (3-4-5). Offered on demand.

A continuation of Art 302 with emphasis on the potter's wheel and an introduction to elementary ceramic technology.

Course Offerings

MUSIC

Theoretical Courses

MUSIC 101 — Sight Singing (2-0-1). Fall.

A study of sight singing techniques applied to diatonic materials.

MUSIC 102 — Sight Singing (2-0-1). Winter.

A continuation of Music 101.

MUSIC 103 — Sight Singing (2-0-1). Spring.

A continuation of Music 102.

MUSIC 110 — Music Theory and Eartraining (2-1-2). Fall.

An introduction to the basic theoretical principles of music and eartraining.

MUSIC 111 — Music Theory and Eartraining (2-1-2). Winter.

A continuation of Music 110.

MUSIC 112 — Music Theory and Eartraining (2-1-2). Spring.

A continuation of Music 111.

MUSIC 201 — Sight Singing (2-0-1). Fall.

A study of sight singing techniques applied to chromatic materials.

MUSIC 202 — Sight Singing (2-0-1). Winter.

A continuation of Music 201.

MUSIC 203 — Sight Singing (2-0-1). Spring.

A continuation of Music 202.

MUSIC 210 — Music Theory and Eartraining (2-1-2). Fall.

A continuation of the study of music theory introducing modulation and chromatic material. Prerequisite: Music 112.

MUSIC 211 — Music Theory and Eartraining (2-1-2). Winter.

A continuation of Music 210.

MUSIC 212 — Music Theory and Eartraining (2-1-2). Spring.

A continuation of Music 211.

MUSIC 312 — Form and Analysis (3-0-3). Offered on demand.

The study of the formal principles of music as exemplified in musical works of the various style periods.

MUSIC 320 — Music for the Elementary Teacher (5-0-5). Winter, Summer.

An introduction to music skills and materials for the elementary classroom teacher.

MUSIC 350 — Conducting (3-0-3). Offered on demand.

An introduction to the problems and techniques of conducting.

MUSIC 411 — Counterpoint (3-0-3). Offered on demand.

A study of the contrapuntal techniques of Renaissance music.

MUSIC 412 — 20th Century Materials (3-0-3). Alternate years.

A study of the materials and techniques of 20th Century music.

MUSIC 420, 421 — Piano Pedagogy (2-0-2). Offered on demand.

Introduction to techniques of piano instruction from the elementary through the advanced levels.

MUSIC 450 — Orchestration (3-0-3). Offered on demand.

An introduction to the techniques of scoring for instrumental ensembles and the orchestra.

History and Literature Courses

MUSIC 200 — Introduction to Music Literature (5-0-5). Fall, Spring.

A course designed to help the student understand and enjoy fine music by analysis of form, style and the media of musical expression from the great periods of musical art. Not open to music majors.

MUSIC 310 — Music History (5-0-5). Alternate years.

The history of music in Western civilization from its origins through the Baroque period.

Prerequisite: One year of music theory or permission of the instructor.

MUSIC 311 — Music History (5-0-5). Alternate years.

The history of music in Western civilization from the Baroque period to the present.

Prerequisite: One year of music theory or permission of the instructor.

MUSIC 422 — Opera Literature (3-0-3). Offered on demand.

A study of operatic masterpieces from the origin of the form to the present.

MUSIC 490 — Independent Study (1 to 5 hours).

Applied music courses consist of one or two twenty-five minute private lessons per week. A special fee of \$24.00 for one lesson or \$48.00 for two lessons per week is charged quarterly to students not majoring in music and to music majors enrolled for less than ten hours credit or enrolled for applied music courses in addition to those required in the music program.

To receive credit towards satisfaction of the applied music requirement in the music program a student should have met the entrance requirements for proficiency in his principal instrument. Credit in a secondary instrument may not be used to satisfy this requirement.

In the following system replacing the third digit by a letter (A,B,C) indicates credit in a secondary instrument.

MUSIC 130, 131, 132, 230, 231, 232; 330, 331, 332; 430, 431, 432 — Applied Music. One hour credit per quarter. One twenty-five minute private lesson per week.

MUSIC 140, 141, 142; 240, 241, 242; 340, 341, 342; 440, 441, 442 — Applied Music. Two hours credit per quarter. Two twenty-five minute private lessons per week.

DEPARTMENT OF FOREIGN LANGUAGES

Professor William Easterling, Head; Professor Lubs;
Assistant Professor Noble.

Course Offerings

CHINESE

CHINESE 101-102 — Elementary Chinese (10-0-10). Offered on demand.

A basic training in Chinese conversation and reading.

CHINESE 201 — Intermediate Chinese (5-0-5). Offered on demand.

CHINESE 233 — Chinese Literature in Translation (5-0-5). Offered on demand.

FRENCH*

DEPARTMENTAL REQUIREMENTS

FOR THE MAJOR IN FRENCH

A student majoring in French must complete at least 40 quarter hours of French beyond French 202. This program includes successful completion of one quarter's study (15 quarter hours) in France with the University System of Georgia Study Abroad Program. The Depart

*Students who own tape machines may check copies of taped lessons out of the library. These tapes are recorded at 7½ i.p.s.

Department of Foreign Languages of Armstrong State College reserves the right to test a returning student on any or all material covered during the student's quarter in France. "Material covered" includes information a student should have acquired in scheduled museum visits or other field trips, geography of France, and any other information which might be included under the heading of general culture.

An additional thirty quarter hours are required in a related area. It is recommended that related courses be taken from the following:

- (1) Literature of a language other than French. This would include English, American, foreign or comparative literature. In the case of foreign literature, it is strongly recommended that the courses be taken in the original language.
- (2) History. It is naturally recommended that the bulk of courses be taken in French and European history.
- (3) Foreign language other than French, preferably a non-Romance language, plus courses in linguistics, such as English 410.

Course Offerings

FRENCH 101-102-103 — Elementary French (15-0-15). Offered each year.

A course for beginners. The approach is primarily oral, and daily practice with tape recordings is required. No credit for graduation or transfer will be given until the sequence is completed.

FRENCH 110 — (3-0-3) 111 — (3-0-3) — 112 (4-0-4). Offered each year.

These are the same courses as French 101-102 above, but more time is allowed for covering the work. Students will be enrolled for these selections on advice of the instructor.

FRENCH 201 — Intermediate French (5-0-5). Offered each quarter.

Prerequisite: Three quarters of college French or three years of high school French. Further reading of texts, and oral and composition practice.

FRENCH 202 — Intermediate French (5-0-5). Offered each quarter.

FRENCH 301 — French Literature of the Middle Ages and the Renaissance. (5-0-5). Offered alternate years.

FRENCH 302 — French Classical Drama (5-0-5). Offered alternate years.

Prerequisite: French 201. Selected plays of Corneille, Moliere and Racine.

FRENCH 304 — French Literature of the 19th Century (5-0-5). Offered alternate years. Prerequisite: French 201.

A study of Romantic prose, poetry, and drama, with lectures and discussions in French.

FRENCH 305 — French Literature of the 19th Century: Realism and Naturalism (5-0-5). Offered alternate years.

FRENCH 351-352-353 — Study Abroad in France (15 hours credit). This course is a summer quarter's residence and study in France in conjunction with the Study Abroad Program of the University System of Georgia. The program is offered in Dijon for a period of eight weeks. During this time the student will receive intensive instruction in language and culture and will be expected to engage in co-curricular activities sponsored by the University of Dijon and USG.

FRENCH 401 — French Literature of the Twentieth Century (5-0-5). Prerequisite: French 201. This course is a study of contemporary prose, poetry, and drama with lectures and discussions in French. This course, normally the last course in French that a student would take, includes a serious term paper of considerable magnitude to be written in French.

*GERMAN

GERMAN 101-102-103 — Elementary German (15-0-15). Offered each year. Drill on pronunciation and elements of grammar, conversation, and the training of the ear as well as the eye. German is used as practicable in the classroom instruction. The course includes reading of texts and translations, conversation, dictation, and dialogues. No credit for graduation is allowed until sequence is completed.

GERMAN 201 — Intermediate German (5-0-5). Fall. Prerequisite: Three quarters of college German or three years of high school German. Further reading of texts, oral and composition practice.

GERMAN 202 — Conversation and Composition (5-0-5). Offered on demand. Prerequisite: 201.

GERMAN 211 — Scientific German (3-0-3). Offered on demand. Prerequisite: same as 201. Readings in scientific and technical material with special attention to grammatical difficulties encountered in this literature.

GERMAN 304 — 19th Century German Literature (5-0-5). Offered on demand.

GERMAN 320 — German Literature of the Twentieth Century (5-0-5). Offered on demand. Prerequisite: four quarters of college German, or an equivalent language background, to be determined by the instructor.

The course will include readings and discussion in German of works by Thomas Mann, Franz Kafka, and Gunter Grass, and the study of other major contemporary German authors.

GERMAN 351-352-353 — Study Abroad in Germany (15 hour credit). This course is a summer quarter's residence and study in Germany in conjunction with the Study Abroad Program of the University System of Georgia. The program is offered in Germany for a period of eight weeks. During this time the student will receive intensive

instruction in language and culture and will participate in University sponsored activities.

GERMAN 490 — Special Reading (5-0-5). Offered on demand.

HEBREW

HEBREW 110 — Elementary Hebrew (3-0-3). Offered on demand. Mechanics of reading and writing; basic vocabulary; simple conversation; essentials of grammar.

HEBREW 111 — Elementary Hebrew (3-0-3). Offered on demand. Prerequisite: Hebrew 110 or a satisfactory score on a placement examination.

Continuation of Hebrew 110.

HEBREW 112 — Elementary Hebrew (4-0-4). Offered on demand. Prerequisite: Hebrew 111 or a satisfactory score on a placement examination.

Developing fluency in conversation, grammar and composition.

(Hebrew 110, 111, 112 are not acceptable as fulfillment of the language requirement in the core curriculum.)

*SPANISH

SPANISH 101-102-103 — Elementary Spanish (15-0-15). Offered each year. These courses are for the purpose of providing the student with the elements of Spanish reading, composition and conversation. No credit for graduation will be given until sequence is completed.

SPANISH 201 — Intermediate Spanish (5-0-5). Fall. Prerequisite: Three quarters of college Spanish or three years of high school Spanish. Further reading of texts and oral and composition practice.

SPANISH 202 — Intermediate Spanish (5-0-5). Offered on demand. A continuation of Spanish 201.

SPANISH 351-352-353 — Study Abroad in Spain (15 hours credit). This course is a summer quarter's residence and study in Spain in conjunction with the Study Abroad Program of the University System of Georgia. The program is offered in Salamanca for a period of eight weeks. During this time the students will receive intensive instruction in language and culture which will be complemented by a number of excursions.

FRENCH

(See listing under Department of Foreign Languages)

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GEOGRAPHY

(See listing under Department of History and Political Science)

GERMAN

(See listing under Department of Foreign Languages)

HEALTH

(See listing under Department of Allied Health Services)

HEBREW

(See listing under Department of Foreign Languages)

DEPARTMENT OF HISTORY AND POLITICAL SCIENCE

Professor Evans C. Johnson, Head; Professors Beecher, Coyle, and Wu; Associate Professors Haunton, Lanier, Newman; Assistant Professors Boney, Clark, Comaskey, Duncan, Gross, McCarthy; Patterson.

DEPARTMENTAL REQUIREMENTS FOR THE MAJOR IN HISTORY

Students majoring in history should satisfy the basic college requirements for the Bachelor of Arts degree during the Freshman and Sophomore years. The minimum requirement in addition to History 114 and 115 for a major in history is forty quarter hours from history courses numbered 300 or above. In selecting courses for a major, the student may elect to emphasize the history of the United States, or the history of Europe, but he may not present a major exclusively in either of these areas.

Required courses: History 114, 115, and 300, but History 114 and 115 may not be counted in the forty quarter hours required for the major. History majors are advised to register for History 300 in the first quarter of their Junior year or in the first quarter after they elect to major in history.

The major program must also include proficiency in a foreign language equivalent to courses 101 through 201, and 25 quarter hours of courses, above the sophomore level, from these related fields: History of Art and Music, Economics, Literature, Philosophy, Political Science, and Sociology.

Course Offerings

HISTORY

HISTORY 114 — History of Western Civilization. (5-0-5). Offered each quarter.

A chronological survey of the main currents of political, social, religious, and intellectual activity in western civilization from the time of the ancient Mediterranean civilization to 1715.

HISTORY 115 — History of Western Civilization. (5-0-5). Offered each quarter.

A continuation of History 114 to the present.

HISTORY 251 — American History to 1865. (5-0-5). Offered each quarter.

A survey of the political, economic, and social history of the United States to the end of the Civil War.

HISTORY 251 — American History Since 1865. (5-0-5). Offered each quarter.

A survey of the political, economic, and social history of the United States from 1865 to the present.

HISTORY 300 — Problems in Historiography. (5-0-5). Summer and Fall.

A study of the nature and meaning of history, some of the problems involved in the writing and study of history, and selected interpretations.

HISTORY 320 — The Civilization of China and the Far East, Part I. (5-0-5). Fall.

The history of East Asia civilization from ancient times through the eighteenth century, with emphasis on characteristic political, economic, and social developments.

HISTORY 321 — The Civilization of China and the Far East, Part II. (5-0-5). Winter.

The history of East Asian nations from the nineteenth century to the present, with emphasis on political, social, economic, and intellectual developments.

HISTORY 322 — History of Japan. (5-0-5). Spring.

A survey of the history of Japan, with major emphasis placed upon the development of Japan since 1600.

HISTORY 323 — History of India and South Asia. (5-0-5). Spring.

A survey of the civilization of South Asia, with principal attention given to India and Pakistan since 1600.

HISTORY 329 — History of Russia to 1917. (5-0-5). Winter.

A survey of Russian history during the Kievan, Tartar, Muscovite, and Imperial eras.

HISTORY 330 — Twentieth Century Russia. (5-0-5). Spring.

An examination of the forces leading to the downfall of Tsarist Russia, the Bolshevik Revolution, and the political, economic, and social history of the Soviet era.

HISTORY 341 — History of England, 1450-1690. (5-0-5). Fall.

Emphasis is given to the constitutional, religious, and economic developments, but social and intellectual phases are treated.

HISTORY 343 — Early Middle Ages, A.D. 333 - c. 1000. (5-0-5). Fall.

The history of Europe from the fall of the Roman Empire through the Carolingian period with special emphasis on the institutional developments which led to the emergence of stable kingdoms out of the chaos of the barbarian invasions.

HISTORY 344 — The High Middle Ages, c. 100 - c. 1300. (5-0-5). Winter.

The history of Europe from c. 100 to c. 1300 with emphasis on the struggle between church and state, the Crusade movement, and the 12th century intellectual renaissance, all of which profoundly influenced the development of the various medieval kingdoms.

HISTORY 345 — The Late Middle Ages and Renaissance. (5-0-5). Spring.

The history of Europe from c. 1300 to 1517 with emphasis on the political, cultural, and intellectual developments which transformed medieval society into Renaissance Man.

HISTORY 347 — The French Revolution and Napoleon. (5-0-5). Fall.

The ideas and events of the Old Regime and the Enlightenment in France, with emphasis on the impact of the French Revolution and the career of Napoleon upon the major European nations.

HISTORY 348 — The History of Europe from 1815 to 1900. (5-0-5). Winter.

A study of the most important social, political, and intellectual directions of European history from the Congress of Vienna to the end of the nineteenth century.

HISTORY 350 — Europe in the Twentieth Century. (5-0-5). Spring.

A study of the major developments in Europe since 1900, with emphasis upon the origins and impact of the First and Second World Wars.

HISTORY 352 — Latin American History. (5-0-5). Offered on demand.

A survey of Latin American history and institutions including the conquest, the revolutionary movements, and the rise of dictatorship.

HISTORY 353 or SOCIOLOGY 353 — Perspectives on Black Experience in the United States. (5-0-5). Offered on demand.

Study of historic and current trends in selected frames of reference of experiences encountered by black people in the United States, emphasizing social movements and social change, urban and institutional processes, social values and personality formation.

HISTORY 354 — Social and Intellectual History of the United States Since 1865. (5-0-5). Spring.

An examination of political theory, social development, and the principal trends of American thought since 1865. Prerequisite: History 252.

HISTORY 355 — Studies in American Diplomacy. (5-0-5). Summer & Winter.

Studies of American objectives and policies in foreign affairs from colonial times to the present. Prerequisite: History 252.

HISTORY 356 — American Constitutional History. (5-0-5). Fall.

A study of the origins, content, and expansion of the Constitution of the United States.

HISTORY 357 — The Old South. (5-0-5). Fall.

The colonial South through secession; development and opera-

tion of the plantation system; emergence of the ante-bellum social and political patterns of the region.

HISTORY 358 — The New South. (5-0-5). Spring.

Emphasis is placed upon the social, economic, and political readjustments of the late nineteenth century, and the impact of industrialism and liberalism in the twentieth century. Prerequisite: History 252.

HISTORY 359 — Civil War and Reconstruction. (5-0-5). Winter.

The causes and significance of the American Civil War, with minor consideration of the military campaigns; political, economic and social aspects of Reconstruction.

HISTORY 360 — Recent American History. (5-0-5). Spring.

Beginning with the presidency of Rutherford B. Hayes, the course will emphasize populism and progressivism, the period between the wars, and postwar readjustment.

HISTORY 361 — Great Historians. (5-0-5).

The course is designed to acquaint the student with major historians and historical philosophies through individual reading under the direction of the instructor.

HISTORY 362 — Independent Study. (5-0-5). Offered each quarter.

Designed to permit superior students to pursue individual research and reading in some field of history under the supervision of a member of the staff. Emphasis will be on wide reading, conferences with the adviser, and written reports and essays. Open only to seniors with a B average in history and in their overall work. Admission will be subject to approval of the individual adviser and of the Head of the Department of History.

HISTORY 410 — Problems in Medieval History (5-0-5). Offered on demand.

A detailed analysis of a specific problem in medieval history by examination of primary materials. Permission of instructor required.

GEOGRAPHY

GEOGRAPHY 111 — World Human Geography. (5-0-5). Fall.

A survey of world human geography, emphasizing population characteristics, topographic features, distribution of economic activities and geo-political problems within the major geographical regions. Consideration of adequacy of resources to support expanding world populations.

PHILOSOPHY

PHILOSOPHY 201 — Introduction to Philosophy. (5-0-5). Fall, Winter, Spring.

The fundamentals of philosophy, the meaning and function of philosophy, the vocabulary and problems of philosophy, and the relation of philosophy to art, science, and religion. Includes a survey of

the basic issues and major types of philosophy and shows their sources in experience, history, and representative thinkers.

PHILOSOPHY 301 — History of Philosophy: Ancient and Medieval. (5-0-5). Fall.

An historical introduction to philosophy, tracing the development of European philosophy from the early Greeks through the Middle Ages, with emphasis on selected works of major philosophers.

PHILOSOPHY 302 — History of Philosophy: Modern (5-0-5). Winter.

European philosophy from the Renaissance through Kant, emphasizing selected works of major philosophers.

PHILOSOPHY 303 — 19th and 20th Century Philosophy. (5-0-5). Spring.

A study of the major philosophers in philosophical movements of the 19th and 20th centuries. Prerequisite: Philosophy 201, 301, or 302.

PHILOSOPHY 320 — Introduction to Oriental Philosophy. (5-0-5). Fall.

POLITICAL SCIENCE

DEPARTMENTAL REQUIREMENTS FOR THE MAJOR IN POLITICAL SCIENCE

Political Science majors must complete Political Science 200 and a minimum of forty quarter hours of upper-division courses (300-400 level) in the major field. The major program must include at least one course from each of the following groups:

- I. American Political Institutions (300,304,305,307)
- II. Comparative Government (308, 309)
- III. International Relations (306, 319, 320)
- IV. Political Theory (331, 332)

The student must complete a reasonable distribution of courses from the four areas listed above. Political Science 400 (Senior Seminar) may be taken with permission of the Department Head.

The major program must also include proficiency in a foreign language equivalent to courses 101 and 102 (French or German is recommended for those contemplating graduate work), and 25 quarter hours of courses from these related fields: economics, psychology, history, geography, philosophy, sociology, and statistics.

Course Offerings

POLITICAL SCIENCE 113 — Government of the United States. (5-0-5). Offered each quarter.

A study of the structure, theory, and functions of the national government in the United States and some of the major problems of the state and local government.

POLITICAL SCIENCE 200 — Introduction to Political Science. (5-0-5). Fall.

This course deals with the area of political science as a discipline,

and serves as an introduction to the systematic study of modern government. Attention is given to the role of politics in society; the nature and origins of the state; the nature and development of political institutions; the basis of political action; and the theories, forms, and processes of government. Required of all political science majors.

POLITICAL SCIENCE 300 — Political Behavior. (5-0-5). Fall.

This course emphasizes the economic, psychological, and social aspects of political behavior. It examines the concepts of power, roles, groups, elites, decision-making, political communications, and systems analysis. Consideration is also given to the basic theories, variables, and hypotheses used in empirical research in political science. Designed primarily for those students intending to go to graduate school. Prerequisites: Political Science 113 or equivalent, and Political Science 200.

POLITICAL SCIENCE 304 — Public Administration. (5-0-5). Winter.

This is a one quarter course that is primarily concerned with organizational theory and bureaucratic behavior, whether public or private, but with an emphasis on the behavior of the bureaucracy of the national government. This course will also be concerned with the political process as it unfolds in the administration of laws enacted by the Congress. A number of case studies on the subject will be examined in some detail. Prerequisite: Political Science 113, or equivalent.

POLITICAL SCIENCE 305 — State and Local Government. (5-0-5). Spring.

This course is concerned primarily with the political process and the behavior of political actors at the local and state levels of government, primarily in the United States. It is concerned with the techniques and research results of the relevant empirical literature that has evolved over the past 15 years in the field; i.e., local community studies of Floyd Hunter, Robert A. Dahl, and others. Prerequisite: Political Science 113, or equivalent.

POLITICAL SCIENCE 306 — International Law. (5-0-5). Spring.

An introduction to selected public international law topics including: recognition, state succession, jurisdiction, extradition, nationality, the law of treaties, the law of diplomacy, and the law of war.

POLITICAL SCIENCE 307 — Constitutional Law. (5-0-5). Spring.

A study of the development of the United States government through judicial interpretation of the Constitution. The case study method of analysis is used, but some attention is given also to recent behavioral writing on judicial decision-making. Prerequisite: Political Science 113, or equivalent.

POLITICAL SCIENCE 308 — Comparative Government: Western Europe. (5-0-5). Fall.

An analytical and comparative study of the major Western European governments, with principal emphasis upon the analysis of the conditions which led to effective and stable parliamentary government,

and those which lead to the inefficiency, instability and break-down of such systems. Prerequisite: Political Science 113 or equivalent, and Political Science 200.

POLITICAL SCIENCE 309 — Comparative Government: Soviet Union. (5-0-5). Winter.

A continuation of Political Science 308, with emphasis on the political system of the U.S.S.R. and the Soviet bloc of nations in Eastern Europe. Prerequisite: Political Science 113, or equivalent, Political Science 200.

POLITICAL SCIENCE 319 — International Relations. (5-0-5). Winter.

An introduction to the theories, forces, and practices dominating contemporary international relations.

POLITICAL SCIENCE 320 — International Relations: The Far East. (5-0-5). Spring.

POLITICAL SCIENCE 331-332 — Political Theory.

An historical study of the development of ideas relative to the state and government from Socrates and Plato to the present. Attention is directed primarily to the political thought of a selected group of eminent philosophers.

POLITICAL SCIENCE 331 — From Socrates to the 17th Century (5-0-5). Fall.

POLITICAL SCIENCE 332 — From the 17th Century to the Present. (5-0-5). Winter

POLITICAL SCIENCE 400 — *Senior Seminar*. (5-0-5). Offered each quarter.

Designed to permit superior students to pursue research and reading in some field of political science under the supervision of the staff. Open only to seniors with a B average in political science. Admission will be subject to approval of the department head.

LIBRARY SCIENCE

Assoc. Professor Regina Yoast, Director; Assistant Professors Johnson, Swinson, and Ball

(See listing under Department of Education)

DEPARTMENT OF MATHEMATICS

Associate Professor John S. Hinkle, Acting Head; Professor Winn, Assistant Professors Hansen, Findeis, Saunders, Sheffield, Semmes, Brown, Eldredge.

All degree programs require at least 10 hours of mathematics. This requirement may be satisfied in any one of three ways:

- (a) For LIBERAL ARTS MAJORS (English, history, etc.): Mathematics 105 and 106.

- (b) For SOCIAL SCIENCES AND BUSINESS MAJORS: Mathematics 100, 135, and 211.
- (c) For BIOLOGY, CHEMISTRY, AND MATHEMATICS MAJORS: Mathematics 101-102 (unless exempted), and Math 104. Students should consult with the Department Head in their major field for possible variations of the above options (a), (b), and (c).

DEPARTMENTAL REQUIREMENTS FOR THE MAJOR IN MATHEMATICS

A major in mathematics will consist of at least 30 quarter hours beyond the calculus sequence (Mathematics 104-201-202-203).

Every major program must include Mathematics 311-312 and at least one of these sequences: 309-332; 401-402.

A Mathematics major must support his work in mathematics with 15 quarter hours of approved elective courses in related fields (chemistry, physics, or economics, etc.) beyond the core curriculum requirements. Students are urged to complete as many of the General Education (Core curriculum) requirements as possible before entering their junior year.

Course Offerings ENGINEERING

ENGINEERING GRAPHICS 113 — (0-6-2). Offered on demand.

Topics of study include lettering (capital and lower case); the use of the instruments; geometric construction; orthographic projection; emphasis on descriptive geometry concepts as applied to the solution of problems involving orthographic projection of solids, auxiliary views, and points, lines and planes.

ENGINEERING GRAPHICS 114 — (0-6-2). Offered on demand. Prerequisite: 113.

Topics of study include the solution of problems involving points, lines and planes by use of the revolution method; intersection of surfaces; warped surfaces; the development of surfaces. Practical applications are emphasized.

ENGINEERING GRAPHICS 115 — (0-6-2). Upon demand. Prerequisite: 114.

Topics of study include sections and conventions; dimensioning; pictorial representation; detail sketches; shop processes; assembly drawings from detail sketches; working pictorial sketches; introduction to charts and graphs; reproduction processes, ink tracing on cloth; graphical calculus.

MATHEMATICS

MATHEMATICS 100 — College Algebra (5-0-5). Fall, Winter, Spring. Academic credit will not be given for more than one of the courses 100, 101, and 105.

Sets, properties of the Real numbers, solution of Equations and inequalities in one variable, Linear and Quadratic functions and their graphs, linear systems.

MATHEMATICS 101 — Pre Calculus Mathematics I (5-0-5). Fall, Winter, Spring. Prerequisites: Sat score of 450 or better on both verbal and mathematics, or consent of instructor. Academic credit will not be given for more than one of the courses 100, 101, and 105.

Sets, real numbers, equations and inequalities, functions and graphs, polynomials, exponential and logarithmic functions.

MATHEMATICS 102 — Pre Calculus Mathematics II (5-0-5). Fall, Winter, Spring. Prerequisites: Mathematics 101 or consent of instructor. Academic credit will not be given for more than one of the courses 102, 106, and 135.

Trigonometric functions, Analytic trigonometry. Systems of Equations and Inequalities, determinants, complex numbers, Sequences. Elements of Analytic Geometry (linear, parabolas and ellipses).

MATHEMATICS 104 — Analytic Geometry and Calculus (5-0-5). Fall, Spring. Prerequisites: One of the following: (1) SAT score of 525 or better on both verbal and mathematics, (2) A grade of C or better in Mathematics 102, (3) Consent of instructor.

Introduction to analytic geometry, functions, limits, continuity, the derivative and applications.

MATHEMATICS 105 — Logic and Sets (5-0-5). Fall, Winter, Spring. Academic credit will not be given for more than one of the courses 100, 101, and 105.

This course is designed for liberal arts students. Its purpose is to help the student acquire an understanding of the laws of logical thinking and an ability to read mathematical language.

MATHEMATICS 106 — Introduction to Modern Mathematics (5-0-5). Fall, Winter, Spring. Prerequisite: Mathematics 105 or consent of instructor. Academic credit will not be given for more than one of the courses 102, 106, and 135.

This course is designed for liberal arts students, to follow Mathematics 105. Various topics from elementary mathematics are presented with a modern approach.

MATHEMATICS 135 — Finite Mathematics (5-0-5). Fall, Winter, Spring. Prerequisites: Mathematics 100 or its equivalent. Academic credit will not be given for more than one of the courses 102, 106, and 135.

Logic for compound statements, sets and subsets, permutations, combinations, partitions and counting methods, probability theory, elementary vector and matrix applications.

MATHEMATICS 201 Analytic Geometry and Calculus (5-0-5). Winter, Fall. Prerequisite: Mathematics 104.

The definite integral and applications, the differential and integral

calculus of exponential, logarithmic and trigonometric functions, and techniques of integration.

MATHEMATICS 202 — Analytic Geometry and Calculus (5-0-5). Spring, Winter. Prerequisite: Mathematics 201.

Polar coordinates, conic sections, vectors in the plane, parametric equations, indeterminate forms, and improper integrals.

MATHEMATICS 203 — Analytic Geometry and Calculus (5-0-5). Fall, Spring. Prerequisite: Mathematics 202.

Three dimensional vectors, solid analytic geometry, differential calculus of several variables, multiple integration, and infinite series.

MATHEMATICS 211 — Elementary Statistics (5-0-5). Fall, Winter, Spring. Prerequisite: Mathematics 135 or consent of instructor.

This course includes measures of central tendency and dispersion; properties of probability distributions, inferences concerning means, standard deviations, and proportions; analysis of variance; correlation; and regression.

MATHEMATICS 305 — Differential Equations with Applications (5-0-5). Winter. Prerequisite: Mathematics 203.

MATHEMATICS 306 — Fourier Series and Boundary Value Problems with Applications (3-0-3). Spring. Prerequisite: Mathematics 305.

MATHEMATICS 309 — Vector Analysis (5-0-5). Fall. Prerequisite Mathematics 203.

MATHEMATICS 311, 312, 313 — Abstract Algebra (3-0-3). Fall, Winter, Spring, respectively. Prerequisite: Mathematics 203.

MATHEMATICS 332 — Mathematical Statistics (5-0-5). Winter. Prerequisite: Mathematics 203.

MATHEMATICS 350 — Basic Ideas of Arithmetic. (5-0-5). Fall, Spring. Prerequisite: Mathematics 105, 100, or 101 and at least sophomore standing. Mathematics majors will not receive credit for this course.

This course is designed to give elementary teachers a clear understanding of the fundamental ideas of arithmetic, and to acquaint them with current elementary school materials and methods.

MATHEMATICS 351 — Basic Ideas of Geometry. (5-0-5). Winter. Prerequisite: Mathematics 105, 100, or 101 and at least sophomore standing. Mathematics majors will not receive credit for this course.

This course is designed to give elementary teachers a clear understanding of the fundamental ideas of geometry, and to acquaint them with current elementary school materials and methods.

MATHEMATICS 400 — Special Topics ((1-5)-0-(1-5)). Offered on demand.

MATHEMATICS 401, 402, 403 — Introductory Real Variables (3-0-3). Fall, Winter, Spring, respectively. Prerequisite: Mathematics 311 and consent of instructor.

MATHEMATICS 411 — Complex Variables (5-0-5). Offered on demand. Prerequisite: Mathematics 203.

MATHEMATICS 131, 132 — College Geometries (3-0-3). Winter, Spring, respectively. Prerequisite: Consent of instructor.

Hilbert Plane, Projective, and other Non-Euclidean Geometries.

MATHEMATICS 490 — Seminar (2-0-2). Spring.

MUSIC

(See listing under Department of Fine Arts)

NURSING

(See listing under Department of Allied Health Services)

NUTRITION

(See listing under Department of Allied Health Services)

PHILOSOPHY

(See listing under Department of History and Political Science)

DEPARTMENT OF PHYSICAL EDUCATION

Professor Roy J. Sims, Head; Assistant Professors Lawrence M. Tapp (leave of absence), B. Alexander, and G. Bedwell; Instructor B. Backus, and Sylvia Sanders.

During the freshman year, students should take Physical Education 111 (Fall), Physical Education 112, (Winter), and Physical Education 113 (Spring). During the sophomore year, students should elect any other three Physical Education courses. Students unable to participate in the regular program should plan an alternate program with the Head of the Department of Physical Education. For other department regulations see "Physical Education Program" under Academic Regulations.

Course Offerings

PHYSICAL EDUCATION 111 — Conditioning Course (0-2-1).
Fall.

Consists of calisthenics, stunts and tumbling, lifts and carries, road work, duel combatives, and simple games.

PHYSICAL EDUCATION 112 — Team Sports (0-2-1). Winter.

Consists of two from the following: basketball, field hockey, soccer, speedball, and volleyball.

PHYSICAL EDUCATION 113 — Elementary Swimming (0-2-1).
Fall, Winter, and Spring. (Physical Education 202 or Physical Education 203 may be substituted for Physical Education 113).

PHYSICAL EDUCATION 115 — Officiating of Football (1-3-2).
Fall.

Consists of a study of rules, rules interpretation, and actual experience in officiating in class games, intramural games, approved community recreation games, and public school games. Elective credit. Students must have permission of the department head or course instructor to enroll.

PHYSICAL EDUCATION 116 — Officiating of Basketball (1-3-2). Winter.

Consists of a study of rules, rules interpretation, and actual experience in officiating in class games, intramural games, approved community recreation games, and public school games. Elective credit except when substituted for Physical Education 112 (Team Sports). Students must have permission of the department head or course instructor to enroll. Only one of the officiating courses will satisfy a sophomore elective courses.

PHYSICAL EDUCATION 201 — Elementary Tennis (0-2-1). Fall and Spring.

PHYSICAL EDUCATION 202 — Senior Life Saving Course in Swiming (0-2-1). Spring. (May be substituted for Physical Education 113).

PHYSICAL EDUCATION 203 — Water Safety Instructors' Course (1-2-1). Spring. (May be substituted for Physical Education 113). Prerequisite: Physical Education 202 or American Red Cross Senior Life Saving.

PHYSICAL EDUCATION 204 — First Aid (3-0-1). Fall and Winter.

The American Red Cross standard course in first aid.

PHYSICAL EDUCATION 205 — Folk Rhythms (0-2-1). Spring.

PHYSICAL EDUCATION 206 — Beginning Modern Dance (0-2-1). Winter.

PHYSICAL EDUCATION 207 — Tap Dance for Beginners (0-2-1).

PHYSICAL EDUCATION 208 — Golf or other Adult Recreative Sports (0-2-1). Fall and Spring.

Golf, ping-pong, pool, card games, chess, checkers, shuffleboard, and other quiet games.

PHYSICAL EDUCATION 232 — Bowling (0-2-1). Winter.

PHYSICAL EDUCATION 233 — Badminton (0-2-1). Spring.

PHYSICAL EDUCATION 234 — Trampoline (0-2-1). Winter.

The student is taught the proper care and use of the trampoline. Under strict supervision he learns to perform the following skills; seat drop, knee drop, front drop, back drop, pull over, cradle, turn-table, swivel hips, spotting, and somersault.

PHYSICAL EDUCATION 236 — Intermediate Modern Dance (0-2-1). Prerequisite: Physical Education 206.

A continuation of Physical Education 206 with emphasis on dynamics, composition, and choreography.

PHYSICAL EDUCATION 320 — Health and Physical Education for the Elementary School Teacher (3-2-5). Fall and Spring.

PHYSICAL SCIENCE

(See listing under Department of Chemistry and Physics)

PHYSICS

(See listing under Department of Chemistry and Physics)

DEPARTMENT OF POLICE ADMINISTRATION

Coordinator, Lawrence E. Mahany; Assistant Professor Ryan

<i>Course</i>	<i>Quarter Hours</i>
English 121 and English 228	10
History 251* or History 252*	5
Political Science 113*, 305	10
Biology 101, 102 or Chemistry 121, 122 or Physics 211, 212	10
Physical Education 111, 113, 202, 204, and two courses in defense tactics	6
Psychology 201	5
Sociology 201, 305, and 350	15

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<i>Course (Police Science)</i>	<i>Quarter Hours</i>
Police Administration 101: Introduction to Law Enforcement ...	(5-0-5)
Police Administration 102: Police Patrol	(5-0-5)
Police Administration 103: Criminal Law	(5-0-5)
Police Administration 104: Criminal Evidence	(5-0-5)
Police Administration 201: Police Administration	(5-0-5)
Police Administration 202: Criminal Investigation	(5-0-5)
Police Administration 203: Introduction to Criminalistics	(5-0-5)

FIRST YEAR

Fall — Police Administration 101; English 121; Physical Education 111; Political Science 113.

Winter — Police Administration 102; Sociology 201; Physical Education 113; History 251 or 252.

Spring — Police Administration 201; Psychology 201; Physical Education 201; Sociology 350.

SECOND YEAR

Fall — Police Administration 103; Sociology 305; Physical Education: Defense Tactics; Science; Police Administration 104.

Winter. — Police Administration 202; Physical Education: Defense Tactics; Science; Police Administration 203.

Spring — Political Science 305; Physical Education 202; Speech 228.

COURSE OFFERINGS

POLICE ADMINISTRATION 101 — Introduction to Law Enforcement (5-0-5). Fall.

Survey of law enforcement — the role, history and development,

*If one of these history courses and this political science course are exempted by examination in order to meet the state requirement for graduation (see page 56), the ten quarter hours shall be allotted to electives.

constitution aspects, modern police practices, and the functions of other agencies involved in the administration of criminal justice. Career Orientation.

POLICE ADMINISTRATION 102 — Police Patrol (5-0-5). Winter.

Basic operation of the police patrol functions; the responsibilities of patrol officers; purposes, methods and types of police patrol. Determination of patrol beats, areas and deployment.

POLICE ADMINISTRATION 103 — Criminal Law (5-0-5). Fall.

The nature, sources and types of criminal law. The classification and analysis of crimes and criminal acts in general and the examination of selected specific criminal offenses.

POLICE ADMINISTRATION 104 — Criminal Evidence (5-0-5) Fall.

Reviews laws of arrest, search & seizure, rights & duties of officers and citizens and rules of evidence. General court procedures will be discussed.

POLICE ADMINISTRATION 201 — Police Administration (5-0-5). Spring.

The contemporary law enforcement agency, its functions, structure and operational techniques; implications of generalized and specialized units. Principles of organizing, staffing, budgeting, controlling, coordinating, planning and research in law enforcement. Prerequisites: P.A. 101 and P.A. 102.

POLICE ADMINISTRATION 202 — Criminal Investigation (5-0-5). Winter.

Introduction to criminal investigation procedures including theory of investigation, case preparation, interrogation, and special problems in criminal investigation.

POLICE ADMINISTRATION 203 — Introduction to Criminalistics (5-0-5). Winter.

The scientific aspects of criminal investigation with emphasis upon crime scene recording, collecting and preservation of evidence and the examination of evidence. Advanced criminalistics are discussed to the extent necessary to familiarize the student with the police science laboratory. Prerequisite: P.A. 202.

POLITICAL SCIENCE

(See listing under Department of History and Political Science)

DEPARTMENT OF PSYCHOLOGY AND SOCIOLOGY

Professor Werthington, Head; Associate Professor Snellgrove
Assistant Professors Coyle, Ralston, Satterfield.

Students who intend to major in psychology should complete Psychology 101-102 before the end of their sophomore year. Students are

strongly advised to complete as many of the general education requirements as possible before entering their junior year.

I. Major Field Requirements

- A. All of the following: Psychology 102, 312, 410, 411, 412.
- B. Three of the following: Psychology 307, 308, 309, 319.
- C. Two of the following: Psychology 303, 305, 311.

II. Related Fields

- A. Biology 101, 102.
- B. Mathematics 211.
- C. Approved electives.

Course Offerings

ANTHROPOLOGY

ANTHROPOLOGY 201 — Man and His Culture (5-0-5). Offered on demand.

An introduction to the study of man as a cultural animal, the development of human societies from preliterate beginnings, the rise of complex social organizations with an outline study of the major cultures developed by man.

PSYCHOLOGY

PSYCHOLOGY 101 — General Psychology (5-0-5). Offered each quarter.

An introduction to the vocabulary, concepts and methods of the science of behavior. Discussion and demonstrations assist in surveying all the areas of psychology. Psychology 101 is prerequisite to all other courses in the department.

PSYCHOLOGY 102 — Advanced General Psychology (4-2-5). Prerequisite: Psychology 101. Spring and Fall.

An extension of the concepts introduced in Psychology 101. Experiments are designed to acquaint the student with the techniques of behavioral analysis.

PSYCHOLOGY 301 — Educational Psychology (5-0-5). Prerequisite: Psychology 101. Spring and Fall.

The application of behavioral science to the problem of learning in the classroom. Primarily for teacher preparation.

PSYCHOLOGY 303 — Social Psychology (5-0-5). Prerequisite: Psychology 101. Spring.

The study of the behavior of others as determinants of the behavior of the individual. The cultural milieu and group pressures will be examined in terms of their effects on behavior.

PSYCHOLOGY 305 — Developmental Psychology (5-0-5). Prerequisite: Psychology 101. Winter and Spring.

A study of the origin and development of psychological processes.

The effects of maturational, learning and social variables on human behavior are examined.

PSYCHOLOGY 307 — Experimental Psychology I. Perception (4-2-5). Prerequisite: Psychology 101. Fall.

An experimental-theoretical approach to the nature of perception. Special attention is given to the psychophysical methods.

PSYCHOLOGY 308 — Experimental Psychology II. Learning and Motivation (4-2-5). Prerequisite: Psychology 101. Winter.

An examination of the methodology and theory associated with the various forms of learning and their motivational concomitants.

PSYCHOLOGY 309 — Experimental Psychology III. Physiological Psychology (4-2-5). Prerequisite: Psychology 101 and Biology 101, 102. Spring.

Introduction to the biological bases of behavior. The structure and function of the nervous system are studied and related to the behavior of humans and other organisms.

PSYCHOLOGY 311 — Theories of Personality (5-0-5). Prerequisite: Psychology 101. Spring.

A study of selected personality theories with emphasis on normal behavior. Attention will be given to both experimental and clinical data. The determinants of personality structure and the development of personality will be examined from divergent points of view.

PSYCHOLOGY 312 — Measurement in Psychology (5-0-5). Prerequisite: Psychology 101 and Math 211. Fall.

An examination of the theory of measurement. Reliability and validity techniques are discussed using current psychological tests as examples.

PSYCHOLOGY 319 — Animal Behavior (4-2-5). Prerequisite: Psychology 101. Winter.

A study of the adaptations and behaviors with which living organisms cope effectively with their environment. The laboratory will provide experience in animal care, training, and experimentation.

PSYCHOLOGY 320 — Industrial Psychology (5-0-5). Prerequisite: Psychology 101. Winter.

The applications of psychology to the problems of industry. Primarily for business majors.

PSYCHOLOGY 405 — Behavior Disorders (5-0-5). Prerequisite: Psychology 101. Winter.

A study of deviant behavior, types of behavior disorders, and methods of behavior modification. Application of principles derived from basic research will be emphasized.

PSYCHOLOGY 410 — History of Psychology (5-0-5). Open only to psychology majors or by invitation of the professor. Fall.

A study of the basic ideas in psychology from early animism to modern behavioristics. Special attention is given to the philosophical basis at various times in the history of psychology.

PSYCHOLOGY 411 — Senior Seminar (5-0-5). Open only to senior psychology majors or by invitation of the professor. Winter.

A reading and discussion group which will concentrate on selected contemporary issues in psychology. Specific content will vary from year to year.

PSYCHOLOGY 412 — Senior Seminar (5-0-5). Open only to senior psychology majors or by invitation of the professor. Spring.

A reading and discussion group which will concentrate on selected contemporary issues in psychology. Specific content will vary from year to year.

PSYCHOLOGY 450 — Independent Study ((1-5)-0-(1-5)). Open only by invitation of the professor. Offered on demand.

SOCIAL WELFARE

SOCIAL WELFARE 101 — Introduction to Social Welfare. (5-0-5). Offered each quarter.

A study of the origins and evolution of the American Social Welfare system.

SOCIAL WELFARE 303 — Methods in Social Work (5-0-5). Prerequisite: Social Welfare 101 or Sociology 201. Spring and Fall.

An examination of methodology in casework, group work, and community organization.

SOCIOLOGY

SOCIOLOGY 201 — Introductory Sociology (5-0-5). Offered each quarter.

An introduction to the concepts and methods of the science of human group behavior. Includes the study of socialization, the role of the individual in society, and the major institutions and processes.

SOCIOLOGY 305 — Criminology (5-0-5). Prerequisite: Sociology 201. Fall and Winter.

A survey of the nature of crime, criminal statistics, and theories of criminal causation and control. An examination of crime as a social problem, the criminal, and theories of punishment, treatment and prevention.

SOCIOLOGY 350 — Social Problems (5-0-5). Prerequisite: Sociology 201. Winter and Spring.

An examination of behavioral deviancy and social disorganization in the context of sociological theory.

SOCIOLOGY 353 or HISTORY 353 — Perspectives on Black Experience in the United States. (5-0-5). Offered on demand.

Study of historic and current trends in selected frames of reference

of experiences encountered by black people in the United States, emphasizing social movements and social change, urban and institutional processes, social values and personality formation.

SPANISH

(See listing under Department of Foreign Languages)

SPECIAL EDUCATION (Speech Correction)

(See listing under Department of Education)

SPEECH

(See listing under Department of English and Speech)

ZOOLOGY

(See listing under Department of Biology)

() Medical Technology
() Dental Hygiene Education

Associate in Science: () Dental Hygiene

Other: _____

() Teacher Certification
() Special Student
() Transient Student
() Auditor

Terminal: () Commerce-Stenographic (one-year course)

Pre-Professional Programs: () Law () Medicine
() Pharmacy () Dentistry () Other _____

17. Father's name in full _____

Last

First

Middle

() Living
() Deceased

If living, please give address _____

Street & No.

City

State

How long in continuous residence in Georgia? _____

High School graduate: () Yes; () No.

College Graduate: () Yes; () No.

Occupation _____

18. Mother's name in full _____

Last

First

Maiden

() Living
() Deceased

If living, please give address _____

Street & No.

City

State

How long in continuous residence in Georgia? _____

High School graduate: () Yes; () No.

College Graduate: () Yes; () No.

Zip Code

County

City and State

3. Mailing address (if different from permanent address)

Zip Code

City and State

Street and Number

Name of Company or Firm

4. Occupation (if employed)

6. Social Security No.

5. Home Telephone No.

Business Telephone No.

(Note: An applicant who does not have a Social Security number should obtain a number from his local Social Security Office. This number will be used as the student number.)

Do Not Write Below This Line

Decision:

Admitted

Rejected

Student Type

Classification

Medical Form Rec'd

Residence

Religion

Marital Status

Sex

Race

Living with Parents

High School

Major Field

ARMSTRONG STATE COLLEGE

Savannah, Georgia

APPLICATION FOR ADMISSION

APPLICATION FEE: Attach \$10. check or money order made payable to Armstrong State College. This fee is not refundable.

For Office Use Only:

\$10. fee paid on _____ Receipt No. _____

A
PHOTOGRAPH
IS REQUIRED

TO THE APPLICANT: To evaluate your academic record it is necessary that the Office of Admissions have information of your background experiences, educational goal, and other data. Please complete this form carefully and completely, in ink, and return to:

Office of Admissions
Armstrong State College
11935 Abercorn Street
Savannah, Georgia 31406

Today's Date _____

Quarter you wish to enter: () Fall; () Winter; () Spring; () Summer, _____ Year

() Day Classes; () Evening Classes
Mr.

1. Full legal name Mrs. _____

Miss Last Name

First

Middle (or Maiden Name)

2. Permanent home address _____

Street and Number _____

8. Sex: () Male; () Female 9. Race _____

10. Marital Status: () Single () Divorced
 () Married () Widow(er)
 () Separated () If Married, name of spouse _____

11. Are you a legal resident of Georgia? () Yes; () No. If "Yes", how long? _____

(To qualify as a legal resident of Georgia, the applicant, if over 21 years of age, must have lived in Georgia for at least one year prior to the registration date. If the applicant is under 21 years of age, his parents or guardian must be legal residents of Georgia for at least one year (12 consecutive months) preceding the registration date. In the event the minor does have a guardian who is a legal resident of Georgia, such minor will not be permitted to register as a resident until the expiration of one year from the date of the appointment, and then only upon properly showing that such appointment was not made to avoid payment of the non-resident fee. Military personnel and their dependents should refer to the residency requirements published in THE BULLETIN.)

12. Religious Preference:

- | | | | | |
|-----------------|-----------------------|-----------------|---------------------|----------------------------|
| 1. () Baptist | 3. () Episcopalian | 5. () Jewish | 7. () Methodist | 9. () Other (Please list) |
| 2. () Catholic | 4. () Greek Orthodox | 6. () Lutheran | 8. () Presbyterian | 10. () No Preference |

13. Are you a Veteran? () Yes; () No. 14. Are you a War Orphan? () Yes; () No.

15. Will you be sponsored by Vocational Rehabilitation? () Yes; () No.

16. In what field do you plan your major work:

- | | | | |
|-----------------------|--------------------------|--------------------------------------|--------------------------|
| Bachelor of Arts: | () English | Bachelor of Business Administration: | () Accounting |
| () History | () Music | () Economics | () Management-Marketing |
| () Political Science | () Psychology | () Business Education | () General |
| Bachelor of Science: | () Elementary Education | Associate in Arts: | () Commerce-Secretarial |
| () Biology | () Chemistry | () Nursing | |

APPLICATION WILL NOT BE REVIEWED UNTIL THE FOLLOWING CREDENTIALS HAVE BEEN RECEIVED:

1. Application Form
 2. Application fee of \$10
 3. Official scholastic records
 4. Official scores on the College Entrance Examination Board's Scholastic Aptitude Test
- FINAL APPROVAL OF AN APPLICATION WILL NOT BE MADE UNTIL THE ATTACHED MEDICAL FORM HAS BEEN RETURNED.

I certify that all statements made in this application are complete and true. I have read the current *Bulletin* of Armstrong State College and agree to abide by the regulations listed therein. I understand that every student enrolling at Armstrong must sign a statement agreeing to abide by the regulations governing the Honor System. Policies governing the Honor System may be found in the *Bulletin* or in the *Student Handbook*.

30. Date on which you took (or plan to take) the Scholastic Aptitude Test given by the College Entrance Examination Board _____

Have you requested that the scores be mailed to Armstrong? _____

31. Discuss in the space below your goal in life and how you think Armstrong can help you attain this goal. (Note: Special students, auditors, and transient students should tell why they wish to enroll at Armstrong.)

ARMSTRONG STATE COLLEGE

Savannah, Georgia

Page 5

MEDICAL FORM

FINAL APPROVAL OF AN APPLICATION FOR ADMISSION WILL NOT BE MADE UNTIL THIS FORM HAS BEEN COMPLETED AND RETURNED TO THE ADMISSIONS OFFICE.

PART I - TO BE COMPLETED BY THE APPLICANT

1. Name _____ Last _____ First _____ Middle _____

2. Home Address _____

3. Sex: () Male
() Female

4. Marital Status: () Single
() Married
() Separated
() Divorced
() Widow(er)

5. Date of Birth _____ Month _____ Day _____ Year _____

6. Notify in case of emergency Name _____
Relationship to applicant _____
Address _____
Telephone _____

7. Family Physician _____
Address _____
Telephone _____

Immunizations

Dates

Comments: _____

Signed _____ Address _____

Examining Physician

Stamp or Print Signature: _____

PART III – CERTIFICATION OF PARENT OR GUARDIAN:

I have read the physician's report and concur in his recommendations. Furthermore, it is my understanding that the college will not be responsible for any injury incurred by a student while participating in any physical education program of the college whether or not the student is required to participate.

Signed _____

Parent or Guardian

(Applicant may sign for himself if he is both self-supporting and 21 years of age.)

PART IV – EMERGENCY SURGERY OR MEDICATION PERMIT

In the event of an emergency involving a student which requires medical or surgical attention, the statement signed below will authorize the college to take whatever action is deemed necessary until the student's family can be reached. If the statement is not signed, emergency treatment for

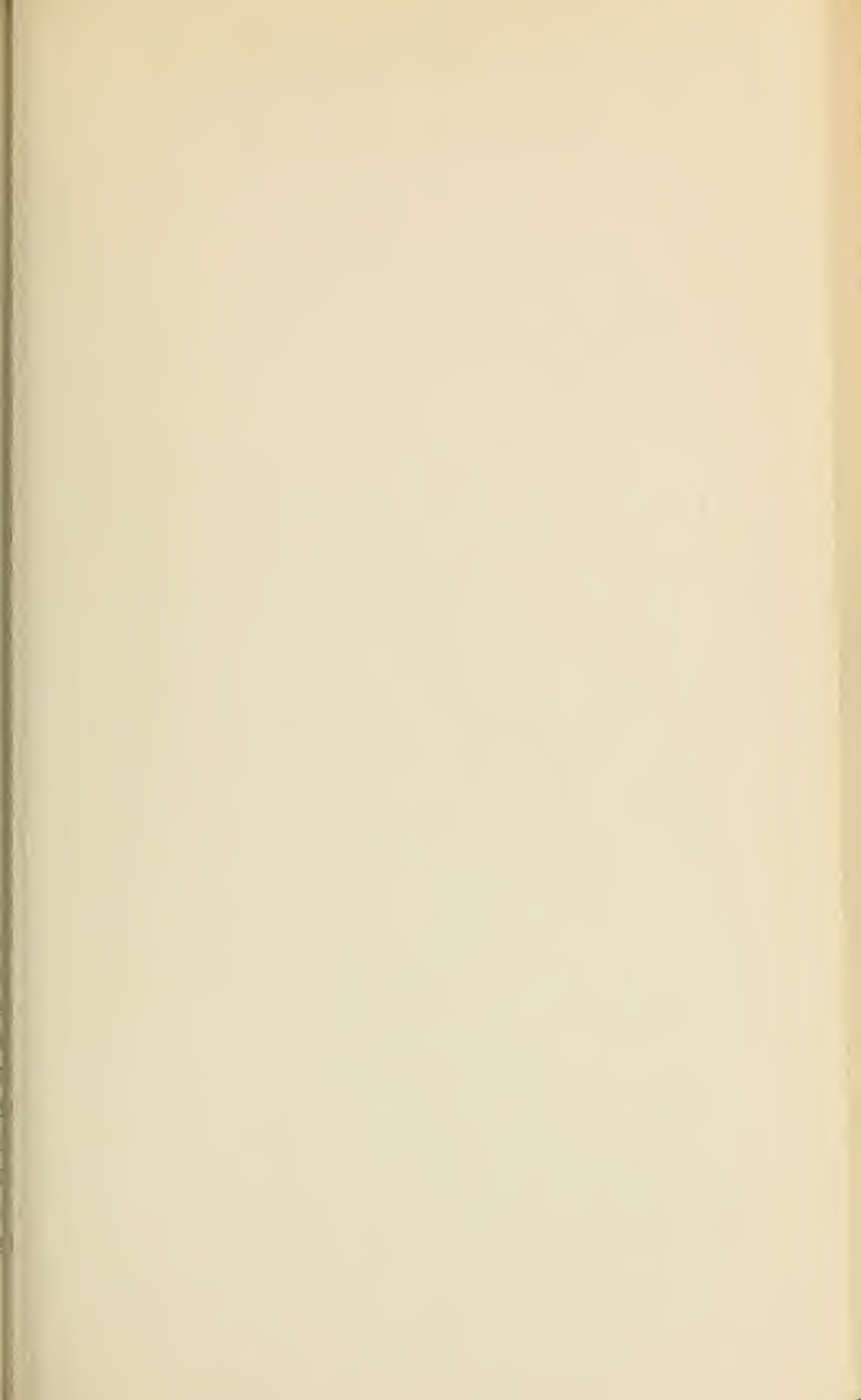
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